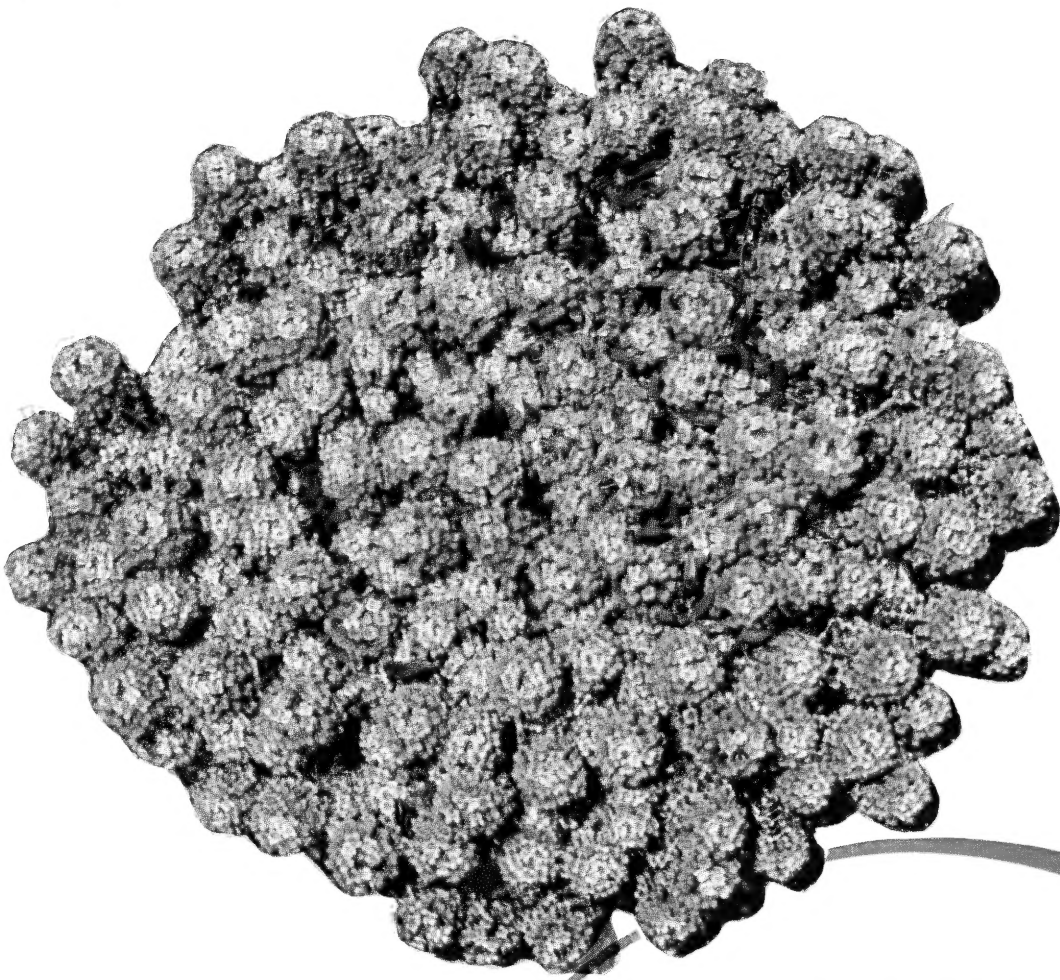
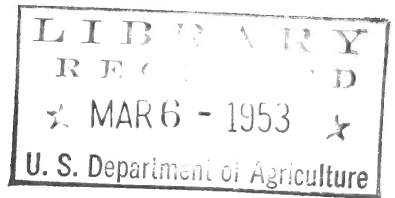


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



62.67 Index



## ROYAL CARPET ALYSSUM

ALL-AMERICA WINNER FOR 1953

New low growing Alyssum in continuous bloom from early summer until end of season. Splendid in large beds or as borders. Rich violet-purple flowers all season long, on sturdy, spreading, three-inch high plants.

Seed package, 25 cents

# 1953 Garden and Floral Guide

**HART & VICK INC. SEEDSMEN**

**ROCHESTER, N.Y. "The Flower City"**

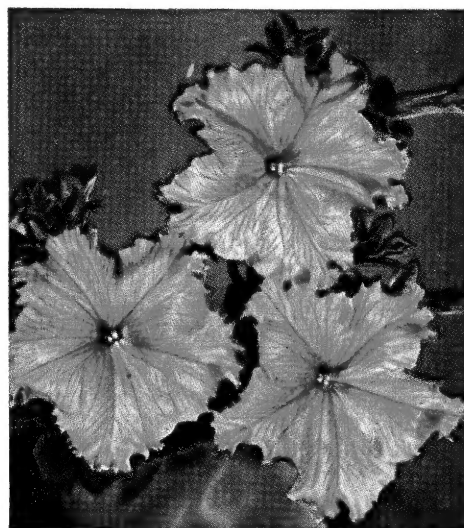


Fiesta Cosmos. All-America Silver Medal Winner 1952. Pkg. 20c

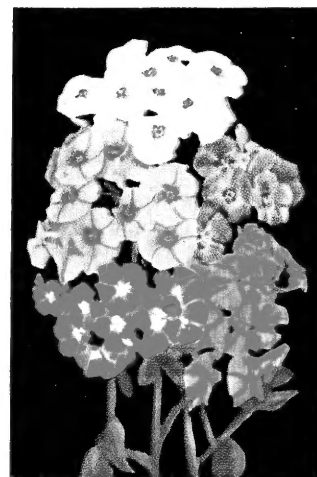
*Have these new flowers growing in your garden this year. Your friends and neighbors will.*



Peppermint Stick Zinnias. Pkg. 20c



Ballerina, a new Hybrid Petunia  
All-America Award Winner 1952. Pkg. 50c



Globe Phlox. All-America Winner for 1952. Pkg. 25c

Persian Carpet Zinnia  
All-America Winner 1952. Pkg. 25c



Comanche, a new Hybrid Petunia. All-America Winner for 1953. Pkg. 50c





# HART & VICK 49-55 Stone Street ROCHESTER 4, N.Y.

## ORDER SHEET FOR SEEDS, BULBS, PLANTS, GARDEN SUPPLIES

Name \_\_\_\_\_ Date \_\_\_\_\_ 1953

R.F.D. or St. \_\_\_\_\_ Zone \_\_\_\_\_

Post Office \_\_\_\_\_ State \_\_\_\_\_

### Money Enclosed

Check \_\_\_\_\_

Amount of Order \_\_\_\_\_

Postage When Not Prepaid \_\_\_\_\_

Total \_\_\_\_\_

### THIS SPACE IS FOR OUR RECORDS

DATE ORDER RECD.

FILLED BY

CHECKED BY

SHIPPED BY AND DATE

If your address has changed since placing your last order, please write your old address at the bottom of this order sheet.

Keep your garden up-to-date  
Try new kinds as they are introduced

All - America  
Winners for  
1953

Royal Carpet  
Alyssum

Comanche Pe-  
tunia

Ballerina Petu-  
nia

Persian Carpet  
Zinnia

Globe Phlox

Fiesta Cosmos

Lipstick Petu-  
nia

Princess Asters

Golden Delight  
Muskmelon

Wade Green  
Bean

Salad Bowl  
Lettuce

Early Sure Crop  
Hybrid Cucum-  
ber

Sweet Spanish  
Onion Plants

The New Hy-  
brid Tomato

Golden Midget  
Sweet Corn

QUANTITY

NAMES OF ARTICLES WANTED

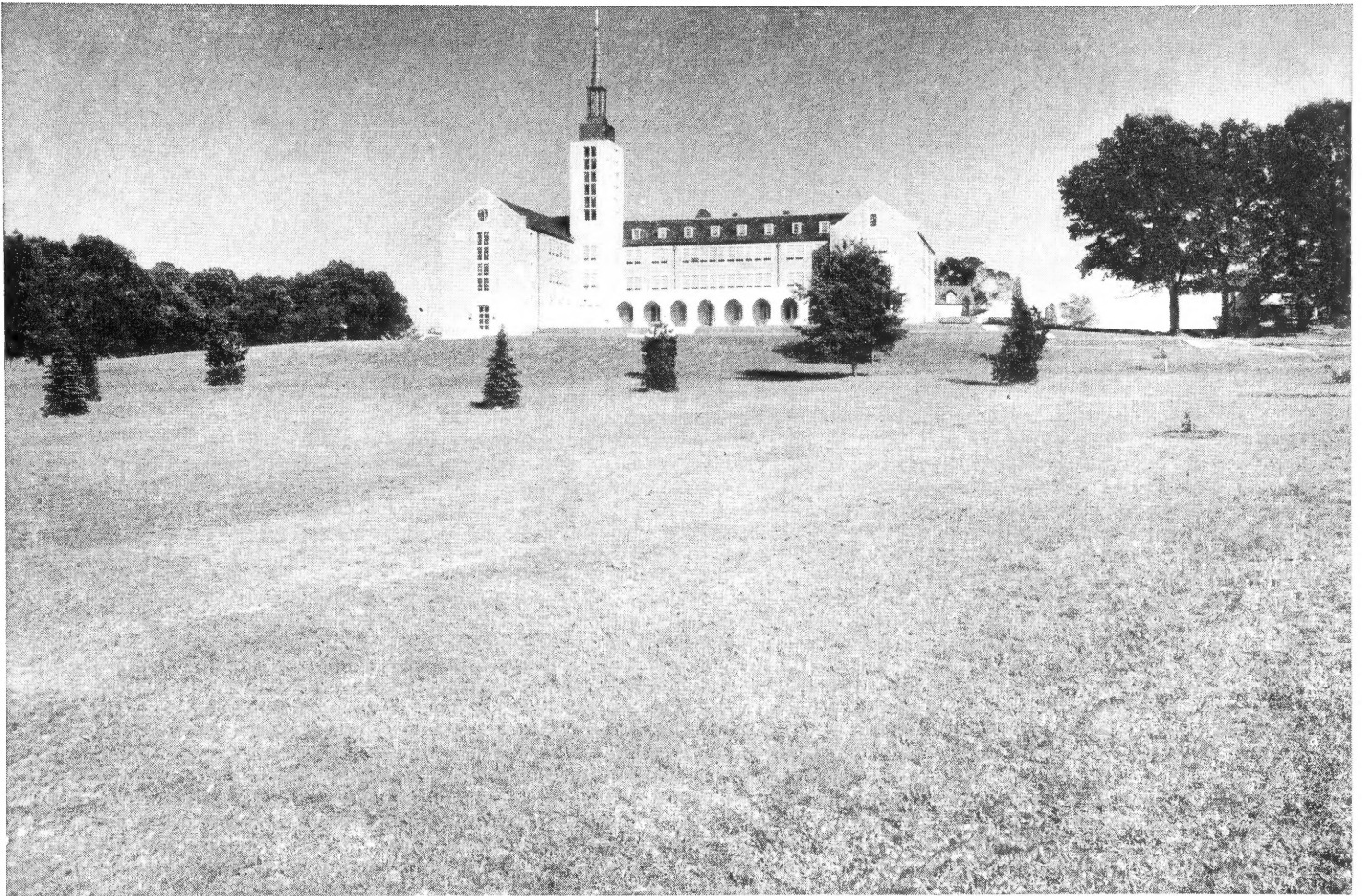
PRICE  
Dollars Cents

We are required to collect from residents of Monroe County, New York State, a 2% sales tax. Will you remit 2% of your order please. We are not allowed to absorb it. AMOUNT OF TAX  $\rightarrow$

Carry this total over to the next page

If we are out of any of the varieties ordered, shall we substitute others equally as good? Ans. ....  
or shall we return the money sent for them? Ans. ....





Hart & Vick's grass seeds helped make this large lawn at the new St. John Fisher College near Rochester, N. Y.

## HIGHLAND PARK LAWN GRASS SEED MAKES THE FINEST LAWN

A Combination of High Quality Recleaned Seeds of Recognized Turf-Making Grasses, Including Bent Grass Seed. Highland Park is Made With and Without Clover. Tell Us Which You Prefer.

This mixture has proven its worth by producing beautiful and permanent lawns for the city home, country estate, and public park. It is a careful blending of varieties of short, fine-leaved grasses and will make a thick, deep-rooted, velvety, evergreen sod that will hold the moisture and remain fresh and green during the dry season in summer. It has proved its quality not only on the smaller lawn of the city and suburban home, but has been and is being used with splendid results in many of the city parks, cemeteries, and large estates. Professional landscape gardeners specify that they will use Highland Park Grass Seed when submitting plans to particular patrons. Whether you build a lawn for yourself or have it made for you, use the best seed you can buy. Use Highland Park Lawn Grass Seed Mixture.

### PRICES OF HIGHLAND PARK GRASS SEED

1/2 lb. 75c; 1 lb. \$1.35; 3 lbs. \$3.95; 5 lbs. \$6.50 10 lbs. \$12.75; 25 lbs. \$31.25; 50 lbs. \$60.00.  
TRANSPORTATION PAID

## SHADY NOOK LAWN GRASS SEED

On many lawns there are unsightly bare spots under trees and between adjoining houses where it is impossible to get the ordinary lawn grass to grow. Our mixture for shade is made up of short-growing, fine-leaved, shade-loving grasses that will give you an evergreen sod in the most densely shaded spots. Sow at the rate of one pound to each 200 square feet of new lawn, reseeding 350 square feet of old lawn. 1/2 lb. 75c; 1 lb. \$1.35; 3 lbs. \$3.95; 5 lbs. \$6.50; 10 lbs. \$12.75; 25 lbs. \$31.25; 50 lbs. \$60.00. Delivered transportation paid.

## MERION BLUE GRASS BLEND

Trial lawns made last year with this mixture of 100% Perennial Grasses proved very successful. They started out satisfactorily in the spring, came through a very dry, hot summer and went into the winter with an unusually deep, thick turf for a six months old lawn.

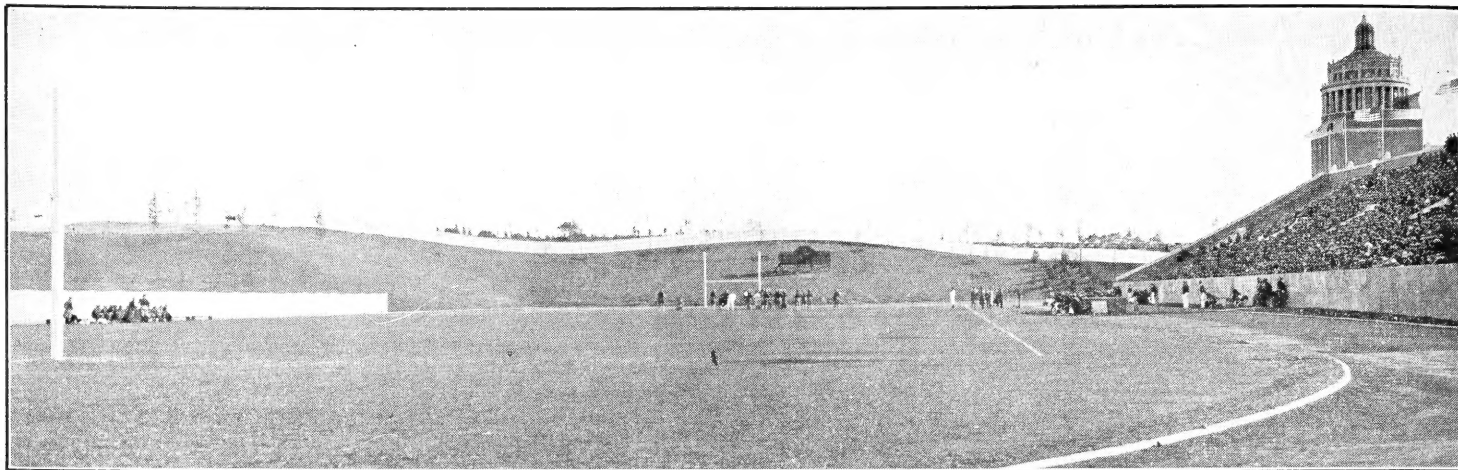
The new Merion Blue grass with its ability to resist disease, keeps healthy and rich green throughout the heat of summer, and the backbone of this mixture should make you a lawn you will be truly proud of. Sow at the rate of one pound to 500 sq. ft. 1/2 lb. \$1.80; 1 lb. \$3.45; 3 lbs. \$10.25; 5 lbs. \$16.75; 10 lbs. \$33.00; 25 lbs. \$81.25.

Send for our free leaflet: "How to Build and Care for a Lawn." It will save you time and money in making a new lawn or caring for an old one.

## BUDGETLAWN BLEND

Many of our younger customers have asked us to make up a Lawn Grass Seed Mixture that not only will fit their budget but will also give them a good looking lawn in the shortest possible time. This Budgetlawn Mixture does both. It is a well balanced blend of Kentucky Blue Grass, Creeping Red Fescue and White Dutch Clover, all hardy perennials that keep coming up year after year, and Domestic Rye Grass, an annual grass whose fault is the broadness of its leaf and its virtues the quickness it shows green after seed sowing and its low cost that makes the reasonable price of this mixture possible. The rye grass is killed after the first winter, its broad blades do not appear the next spring. The sowing of one pound of Kentucky Blue Grass the following spring to every 1000 sq. ft. will fill in where the rye grass has died out and make a most satisfactory lawn. For new lawns, sow this mixture at the rate of 1 lb. to 250 sq. ft. Reseeding old lawns—half that amount. 1/2 lb. 45c; 1 lb. 85c; 3 lbs. \$2.50; 5 lbs. \$4.00; 10 lbs. \$7.95; 25 lbs. \$19.15; 50 lbs. \$37.45. Transportation paid.





Hart & Vick's grass seeds were used in building the University of Rochester's Campus, Lawn, Quadrangle and Athletic Fields—this shows the Stadium.

## Stadium Mixture

**Makes a Turf That Will Stand the Wear and Tear of an Unusual Amount of Traffic**

Stadium Mixture was used in building the athletic field of the University of Rochester and the results have been very satisfactory. This mixture is made to give the thick, springy turf so necessary to the well being of the athletes. It is also used in the Red Wing Baseball Park in Rochester, where the seed was sown in April and played on by the middle of May. This mixture is a combination of grasses that are not only fine-leaved, but very deep rooting and are varieties that will stand the wear and tear usually given to athletic fields and parks. Sow one pound to 250 square feet; half this amount when reseeding. Lb. \$1.40; 3 lbs. \$4.15; 5 lbs. \$6.75; 10 lbs. \$13.25; 25 lbs. \$32.50; 50 lbs., \$63.75. Delivered transportation paid.

## Terrace Grass Mixture

Banks and terraces need deep-rooting, very hardy grasses to hold them in place. In this special mixture we have combined varieties that will quickly form a thick, matted sod that will keep the bank from washing in heavy rains, and remain fresh and green all season. We recommend sowing grass seed for terraces at the rate of 1 pound to each 200 square feet. If the slope is very steep, mix one quart of oats with one pound of \$3.95; 5 lbs. \$6.50; 10 lbs. \$12.75; 25 lbs. \$31.25; 50 lbs. \$3.95; 5 lbs. \$6.50; 10 lbs. \$12.75; 25 lbs. \$31.25; 50 lbs. \$61.25. Delivered transportation paid.

**"On the Road Between the Homes of Friends,  
Grass Does Not Grow"**

## Special Golf Course Mixtures

### Tee Mixture

A combination of deep-rooting, perennial grasses that will stand the wear and tear a golf course tee must take. Sow 1 lb. to 200 sq. ft. 5 lbs. \$6.75; 10 lbs. \$13.00; 25 lbs. \$31.25. Delivered transportation paid.

### Fairway Mixture

A mixture designed to stand hot, dry weather without turning brown. This is a mixture of grasses we have been making for twenty-five years. It has proven to be very satisfactory. Sow 1 lb. to 250 sq. ft. 5 lbs. \$5.25; 10 lbs. \$10.00; 25 lbs. \$23.75. Delivered transportation paid.

### Putting Green Mixture

A combination of Colonial Bent and Fancy Red Top grass seed, both of the highest purity and germination. Sow 1 lb. to 200 sq. ft. 1 lb. \$1.75; 5 lbs. \$8.50; 10 lbs. \$16.25; 25 lbs. \$41.25. Delivered transportation paid.

## Country Club Bent Formula

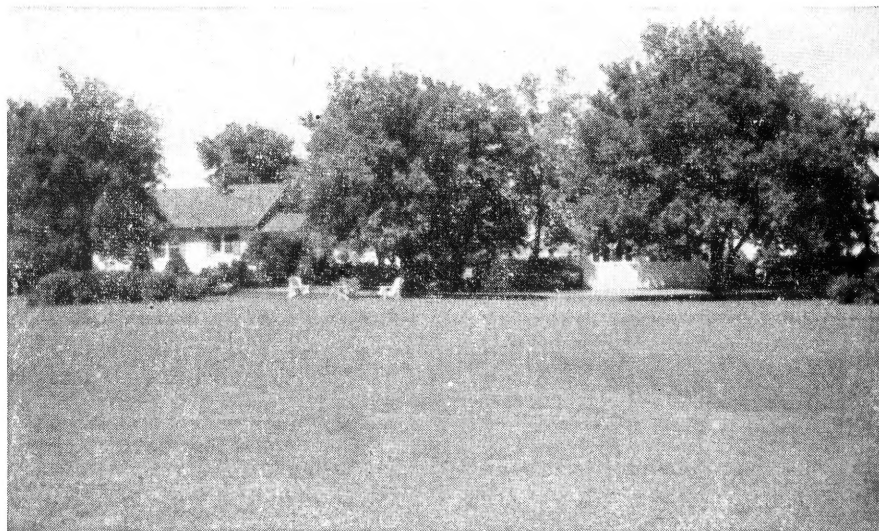
**Makes a Lawn Like a "Putting Green"**

To meet the demand for a superior grass seed mixture, we have combined in this formula the seeds of grasses that not only produce the finest leaf blades, but varieties that creep, mat together and make a soft, luxuriant, evergreen turf the entire season. When preparing the soil for this Grass Seed Mixture, do so thoroughly. Spade deeply, working into the soil a good plant food and enough peat moss to make the soil friable and so it will retain moisture. Feed Bent Grass lawns twice a year with a fertilizer that will keep the soil slightly acid. Water regularly. Keep the grass cut short and rolled. Top dress twice a year. Sow 1 lb. to 250 sq. ft. A Bent lawn is very lovely, but it must have careful attention to keep it so. 1 lb. \$1.85; 3 lbs. \$5.45; 5 lbs. \$9.00; 10 lbs. \$17.75; 25 lbs. \$42.75. Delivered transportation paid.

## THIS MAY HELP YOU GROW GRASS UNDER TREES

Where there is some grass and you don't want to dig it up, take a long, sharp-bladed spade and make a series of connecting cuts in circles, three feet apart, and starting as close to the trunk of the tree as possible. These circles of connecting deep cuts kill the surface roots and allow the grass to thrive. Spread bone meal or Dehydrated Sheep Manure every 30 days—10 lbs. to 100 sq. ft. Rake thoroughly. Sow Shady Nook Grass 1 lb. to 400 sq. ft. Cover with 1/4 inch wet peat moss.

This beautiful lawn around the home of Mr. and Mrs. William E. Keller, Penfield, N. Y., was made with Highland Park grass seed.



# RECLEANED SEED OF FANCY GRASSES

All Grass Seed Prices Subject to Change Without Notice

## Merion Blue Grass

A New Grass That Makes Wonderfully Fine Lawns

Developed by the Greens Section of the U. S. Golf Assn. Stays green all summer. Resistant to leaf-spot disease that thins out lawn turf and lets weeds come in. Grows quickly, spreads rapidly, forms a thick, compact, deep green sod that wears well. Does not become dormant and brown in July and August.

Requires less mowing than other grasses to keep the lawn looking well cared for. Some authorities say only one-half the mowing is necessary. A little seed goes a long ways. Use one pound per 1000 sq. ft. to build a new lawn. Half that amount when reseeding. To get the best results with Merion Bluegrass prepare the soil with extra care. Work it up deeply. Add peat moss to break up a clay soil or to bind it together if too sandy. Fertilize it well. The better shape your soil is in the better your new lawn will be. 1/4 lb. \$1.95; 1/2 lb. \$3.75; lb. \$7.25; 5 lbs. \$35.00.



Roseland Park, Canandaigua, N. Y.: "The playground of the Finger Lakes" uses Hart & Vick's Grass Seed to make their fine lawns and picnic areas. This picture of a portion of one of these picnic areas was taken in October after the Park had closed for the season.

### BENT, COLONIAL, Astoria (*Agrostis tenuis* var.).

Fine, narrow-bladed, rich dark green variety that is slightly creeping in habit and makes a fine turf for lawns and putting greens. Does especially well in the vicinity of Rochester. Blue Tag, Astoria. 1/2 lb. 85c; lb. \$1.65; 5 lbs. \$7.75; 10 lbs. \$15.00; 25 lbs. \$36.25. Transportation paid.

### BENT, SEASIDE, Blue Tag (*Agrostis maritima*).

A native of Oregon and offered under several trade names. Very fine-leaved, producing runners or stolons that take root when coming in contact with the soil. Makes a thick, matlike, rich green sod that stands close cutting. As it makes surface runners it should be top-dressed four times a year. To look well keep it closely mowed. 1/2 lb. 90c; lb. \$1.75; 5 lbs. \$8.25; 10 lbs. \$16.00; 25 lbs. \$38.75.

### BLUE GRASS, KENTUCKY (*Poa pratensis*).

Very high quality, heavy, plump seed. The favorite lawn grass in the North, doing particularly well on the rather sweet soils of New York State. Leaves are narrow, flat and vivid dark green. Plants slightly creeping and very hardy. As it is slow to germinate, we recommend combining it with other grasses. One pound will sow 200 sq. ft. Heavy 28-pound seed, lb. \$1.35; 5 lbs. \$6.50; 10 lbs. \$12.50; 25 lbs. \$30.00. Transportation paid. Medium weight 21-pound seed, lb. \$1.20; 5 lbs. \$5.75; 10 lbs. \$11.00; 25 lbs. \$26.25. Transportation paid.

### FESCUE, CREEPING RED, Illahee Strain (*Festuca rubra*).

A new strain that spreads from roots that creep underground, putting up new growth. The texture of the foliage is fine and the color a delightful green. A perennial grass that easily thickens up into a dense carpet of green turf. Does well on poor soil and is resistant to drought and disease. A good grass for areas subject to heavy wear. Should always be sown in combination with other grasses. Lb. \$1.35; 5 lbs. \$6.50; 10 lbs. \$12.50; 25 lbs. \$30.00. Transportation paid.

### FESCUE, CREEPING RED, CANADIAN (*Festuca rubra*).

Makes a turf similar to Cheving's Fescue but spreads by underground runners that make an extremely tight sod. The leaves are fine, needle-like and have a deep green color. This Fescue thrives on all types of soil, even on dry, sandy bottom land. It maintains its color the year round and is excellent for shady places and turf that gets a lot of wear. Creeping Red may be used alone or in combination with one or more other grasses. Lb. \$1.20; 5 lbs. \$5.75; 10 lbs. \$11.00; 25 lbs. \$26.25. Transportation paid.

### ORCHARD GRASS (*Dactylis glomerata*).

Hardy perennial grass which thrives in light, sandy soils and withstands severe droughts remarkably well. Valuable for sowing on steep slopes that wash badly. Lb. 85c; 5 lbs. \$3.75; 10 lbs. \$7.00; 25 lbs. \$16.25. Transportation paid.

### POA TRIVIALIS (Shade Blue Grass).

Narrow, flat and dark green foliage on spreading, thickly matting plants. Makes a good turf in shaded places on the north side of buildings and under trees. Does best in heavy soil. Lb. \$1.00; 5 lbs. \$4.75; 10 lbs. \$9.00; 25 lbs. \$21.25. Transportation paid.

### RED TOP, FANCY (*Agrostis palustris*).

Quick growing, fine-leaved, bright green creeping grass. Used as a nurse grass in lawn grass mixtures. Superfine. Lb. \$1.10; 5 lbs. \$5.25; 10 lbs. \$10.00; 25 lbs. \$23.75. Transportation paid.

### RYE GRASS, DOMESTIC.

An excellent nurse grass when quick thick turf is needed. Sow it in your vegetable garden after the last cultivation. When turned under it makes a splendid green manure. One pound sows 200 sq. ft. Lb. 40c; 5 lbs. \$1.60; 10 lbs. \$3.00; 25 lbs. \$6.25. Transportation paid.

### RYE GRASS, PERENNIAL, Blue Tag, Oregon (*Lolium perenne*).

A mixture of the English and Italian varieties grown in this country. Lb. 45c; 5 lbs. \$2.00; 10 lbs. \$3.50; 25 lbs. \$7.50. Transportation paid.

### CLOVER, DUTCH WHITE.

The well known, low-growing, white-blossoming Clover so widely used on lawns. Not entirely hardy in exposed situations in severe climates. Winter-kills some in lawns here in New York State. Oz. 15c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.15; 5 lbs. \$5.50; 10 lbs. \$10.50. Transportation paid.

### CLOVER, WILD WHITE (Kent County Blue Tag, Idaho Certified).

Becoming very popular as a lawn Clover, especially here in the North, for it is perfectly hardy. The foliage is small, low growing and rich, fresh green in color. Blossoms very sparingly, which adds to the value. Does best in well-fed soil. Oz. 20c; 1/4 lb. 65c; 1/2 lb. \$1.15; lb. \$2.15; 5 lbs. \$10.50.

### TIMOTHY (*Phleum pratense*).

Used extensively for hay. Not by any means a lawn grass seed. Weighs 45 lbs. per bu. Lb. 45c; 5 lbs. \$2.00; 10 lbs. \$3.50; 25 lbs. \$7.50. Transportation paid.



Our Highland Park Lawn Grass Seed helped make this beautiful lawn at the home of Mrs. Robert Douglas, 1510 East Ave. in Rochester, N. Y.

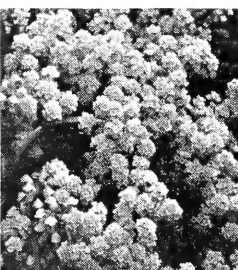




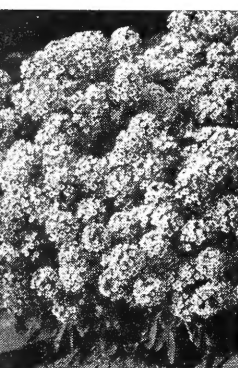
**Aubrietia—A  
Hardy Spreading Plant**



**Armeria is Very  
Hardy and Blooms  
All Summer**



**Carpet of Snow  
Alyssum**



**Violet Queen  
Alyssum**

# FLOWER SEEDS

*The Same Dependable Seeds of Annuals  
and Perennials that We Sell to the Florist*

Our list of Flower Seeds does not cover every variety, but it does describe the best kinds for garden planting. We believe that a carefully selected list like this is what the amateur gardener wants. Our seed is the best that can be grown, carefully tested for quality, and with ordinary care will give splendid results. It is of the same high quality we sell the particular florists for greenhouse and outside planting.

In this catalog Perennial and Biennial varieties are designated by **CAPITAL** letters.

**Annuals** are those that you must plant each season. **Perennials** are hardy, last for years, and generally bloom the next year after sowing the seed.

Our regular packages of flower seeds are liberally designed to fill the needs of the average sized garden. This year again we offer in many varieties of flower seeds a "Large Package" which contains considerably more seed than the regular package, and has been planned for the larger suburban and estate gardens.

FLOWER SEEDS ARE SENT POSTPAID

## Achillea - Milfoil; Yarrow

**PTARMICA, THE PEARL.** Clusters of small, double, white, Pompon Chrysanthemum-like flowers. From June to September. Fine for cutting. Height 2 feet. Hardy, lasts for years. Pkg. 25c

## Ageratum - Floss Flower

Tassel-like clustered flowers that bloom in profusion through summer and fall. Gay and bushy, the rain does not spoil the flowers nor the sun fade their color. Easily grown from seed, either started in a window box or hotbed and transplanted outside in May or the seed sown outdoors in May.

**Blue Bedder.** Neat, compact, round-headed plants about 6 inches high, literally covered with large, flossy, rich deep blue flowers. Pkg. 25c; large pkg. 60c

**Blue Perfection.** Plants almost uniform in height; flowers deep amethyst-blue. Fine for cutting. 8 inches tall. Pkg. 15c; large pkg. 30c

## Alyssum - Sweet Alyssum

These annuals are fine for beds, vases, rockwork, or edgings. They bloom profusely all summer. A package of seed will make a border 15 feet long and 1 foot wide.

**Carpet of Snow.** Annual. We have a particularly fine strain of this variety. Flowers pure white, very large, on plants growing about 4 inches tall. Pkg. 15c; 1/4 oz. 45c; oz. \$1.25

**Little Gem.** Dwarf, compact plants, not over 6 inches high, covered with fragrant, white flowers the entire summer. Pkg. 15c; 1/4 oz. 45c; oz. \$1.25

**Sweet.** The popular, old-fashioned sort. Pure white. Blooms from early summer to frost. Height 8 inches. Often mixed with Violet Queen with splendid success. Pkg. 10c; 1/4 oz. 25c; oz. 65c

**Violet Queen.** Violet Queen Alyssum used as a border to Snowstorm Petunia makes one of the prettiest plant combinations possible. Violet Queen Alyssum has made hosts of friends among gardeners. Some have used it for bordering flowers of contrasting color; others have mixed it with Annual White Gypsophila or with White Flowering Sweet Alyssum and used the combinations to make attractive beds and corner pieces. It is most satisfactory wherever you grow it. Pkg. 15c; 1/8 oz. 35c; 1/4 oz. 65c; oz. \$1.65

**SAXATILE COMPACTUM** (Basket of Gold). Hardy perennial; bright yellow, showy flowers in May and June. Splendid rock and border plant. Height 12 inches. Pkg. 15c; large pkg. 30c

## Anchusa - Alkanet

**ITALICA LISSADEL.** This splendid perennial is becoming more popular each season as it bears a profusion of rich blue flowers in May and June, a time when blue varieties are scarce in the garden. Height about 5 feet. Pkg. 25c

**MYOSOTIDIFLORA.** A distinct dwarf hardy perennial species, grows 10 to 12 inches high, producing, during April and May, sprays of beautiful "Forget-me-not-like" flowers of a rich blue. An excellent plant for the garden. Pkg. 35c

## Anagallis

**Grandiflora, Mixed.** The lovely, brilliant flowers, in charming shades of blue, lilac, scarlet, and crimson, cover the 6-inch plants from July until frost. A splendid border and rockery plant. Pkg. 15c; 1/8 oz. 30c; 1/4 oz. 45c

## Amaranthus

**Molten Fire.** A recently introduced variety that is extremely showy. The foliage is bronze, or reddish bronze, with fiery scarlet tip. Blooms midsummer to frost. 4 to 5 feet high. Pkg. 25c; large pkg. 45c

## Arabis - Rock Cress

**ALPINA.** This splendid little perennial plant is covered with pure white flowers as soon as the snow disappears in the spring. Unequalled for rockeries and edging. Height 6 inches. Pkg. 25c; large pkg. 45c; 1/16 oz. 70c

## Arctotis

**Giant Hybrids.** Extremely large flowers, 2 1/2 to 3 inches across, in white, red, mauve, brown, russet, apricot and yellow. Splendid for cutting. Grow 10 inches tall. Pkg. 20c; large pkg. 45c

## Armeria - Sea Pink

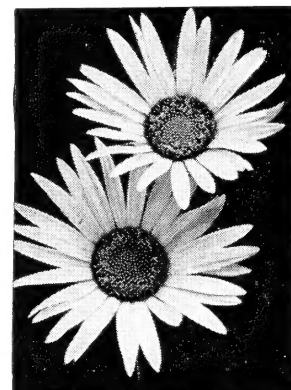
**GIANT PINK.** Rose and pink flowers all summer. Hardy and useful as a border plant. Grows 1 1/2 feet. Blooms May and June. Pkg. 25c; large pkg. 75c

## Aubrietia

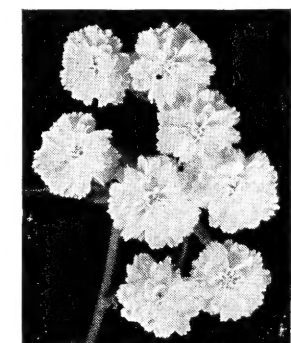
**CARNIVAL MIXTURE.** An English strain of the very lovely creeping, hardy plant. Flowers in sheets of blue, crimson and rose-pink for a long period of time. Probably the best of all perennials for growing in crevices of dry walls and rockeries. Pkg. 25c; large pkg. 65c



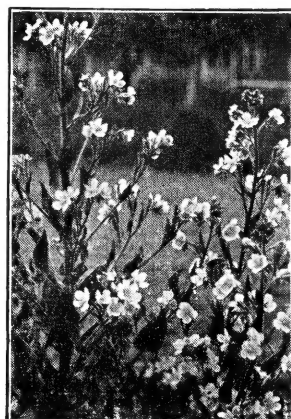
**Arabis Alpina  
Pure White Flowers Soon  
After Snow Goes**



**Giant Hybrid Arctotis  
Splendid for Cutting**



**Achillea Ptarmica  
Blooms June to Sept.**



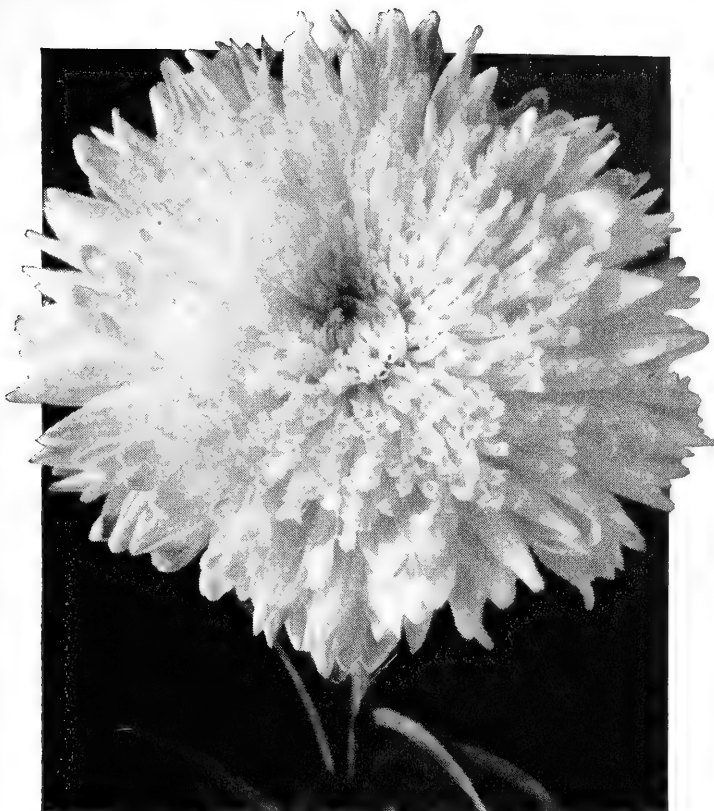
**Anchusa Italica,  
Lissadel—Blue Flowers  
in May and June**

## ROYAL CARPET ALYSSUM

The finest new Alyssum to be offered to you for your garden in 12 years. A companion for Carpet of Snow as they both grow 4 inches tall and flower continually from the time they are a few weeks old until the end of the season. Use this new Alyssum for making large patches of color in your garden; or as an edging to flower beds, walks and drives and for color in the rock garden. You will enjoy it used in many ways. Pkg. 25c; large pkg. 55c. Pictured on the front cover.

## ALL-AMERICA TOP WINNER 1953

Don't cover your flower seeds with too much soil. Scatter fine seeds on the surface of the ground and sift fine soil over them. Water with a fine spray that won't disturb their roots.



The New Princess Asters are a very lovely flower

### Princess Asters

Princess Asters have a full crested center surrounded by several rows of strong guard petals. Plants grow 2 ft. tall, are very resistant to disease and bear quantities of lovely flowers in August and September.

**Anne.** Delicate pink.  
**Barbara.** Orchid.  
**Bonnie.** Salmon-rose.  
**Goldilocks.** The deepest yellow  
 Aster yet offered.

**Elizabeth.** Pure white.  
**Margaret.** Rich rose.  
**Marsha.** Cinnabar-scarlet.

Price, any of the above: Pkg. 25c; large pkg. 60c.

**Collection:** One package each of the 7 kinds above for \$1.50.

**Mixture of Princess Asters.** Pkg. 20c; large pkg. 50c.

### Super-Giants

Largest of All Asters

Giant flowers 6 inches across. Long, narrow, curled and twisted petals. Plants 2 ft. tall with 6 to 8 long-stemmed flowers. Blooms a little late in the season but very lovely when it does come into flower.

**El Monte.** Deep glowing crimson flowers held very erect on long stems.

**Los Angeles.** Pure shell-pink flowers that are unusually dainty and double.

Pkg. 20c; large pkg. 50c.

### Giant Sunshine Asters

Wilt Resistant

Dainty and graceful flowers with disclike centers surrounded by long, narrow petals in many lovely colors. Mixed colors.

Pkg. 15c; large pkg. 50c

### Single Rainbow Asters

Wilt Resistant

Long petaled, single, daisy-like flowers about 3 inches across in pink, blue, rose, purple, crimson and white on long stems. Good in the garden and particularly fine as a cut flower for house decoration.

Pkg. 25c; large pkg. 40c

### Hart & Vick's Novelty Aster Mixture

This Special Aster Mixture contains seed of every kind and color of Aster we list in this book. Its purpose is to introduce to you the entire Aster family.

Pkg. 15c; 1/8 oz. 45c

### Vick's Rochester Asters

Wilt Resistant

These are the giant Asters with long, narrow, twisted, curled and interlaced petals that somewhat resemble a Chrysanthemum. Many people call them Chrysanthemum Asters. The plants grow large and strong, and bear an abundance of bloom on long, strong stems that make them splendid cut flowers.

**Bright Rose.** Rose-pink.  
**Crimson.** Rich and velvety.  
**Purple.** Rich royal-purple.  
**Lavender.** Deep lavender.

**Enchantress.** Salmon-rose.  
**Shell-Pink.** Apple-blossom.  
**Snow-White.** Purest white.  
**Mixed Colors**

Price, any of the above: Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 85c.

**Collection:** One package each of the above—7 colors (7 pkgs.) for 85c, postpaid.

# HART & VICK'S FAMOUS ASTERS

## Vick's Branching Asters

Wilt Resistant

The large, deep, very double blossoms are borne on long stems, extremely valuable for cutting. The plants frequently cover a space of 3 feet, and should be allowed ample room to develop to full size. Seed sown in pots or boxes in March or April and transplanted to outdoor beds in May or June will provide bloom in August and September.

**Crimson.** Deep rich crimson.

**Lavender.** Clear azure-blue.

**Peerless Pink.** Bright fresh pink.

**Rose.** Full of life and sparkle.

**Shell-Pink.** Pleasing blush-pink.

**Snow-White.** Glistening white.

**Purple.** Rich deep shade.

**Mixed Colors**

Price, any of the above: Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 85c.

**Collection:** One package each of the above—7 colors (7 pkgs.), for 85c, postpaid to you.

## Heart of France Asters

Wilt Resistant

The best pure red Aster ever introduced. Heart of France opens red as the purest ruby, deepens with age, and retains its remarkable beauty to the very end. The plant begins to bloom quite early in the season and opens fully with the midseason varieties. Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 85c

## Queen of the Market Asters

Wilt Resistant

Large, very double flowers 3 inches across and bloom very early on 18-inch plants.

**Ballet Queen.** A fascinating new tint of deep salmon-rose. Flowers 3 1/2 inches across are generously borne on plants 15 to 20 inches high. Extremely wilt resistant, unsurpassed for cutting. A Queen of the Market kind and very early flowering. For August and September blossoms sow the seed in boxes in March or April, and transplant to outdoor beds in May or June.

Pkg. 15c; large pkg. 45c

**Blend of Colors.**

Pkg. 15c; large pkg. 45c

## Imbricated Pompon Asters

Rather small, very double flowers, center petals attractively quilled and surrounded by broad outer petals. Grow 15 inches high and are splendid for cutting or use in beds.

**Blend of Colors.**

Pkg. 25c; lg. pkg. 60c.

## FROM VICK'S FLORAL GUIDE, 1872

"The Aster is a universal favorite, and has steadily increased in popularity for half a century. The quality of the flower has also kept pace with its increasing popularity, until it has become almost as large as a Paeony and as perfectly double as the best Chrysanthemum or Dahlia. Perhaps I can safely say that for an autumn display it has no successful rival among the annuals. In England, Holland, and Germany, last season, I saw it in almost every cottage and palace garden, while it served to illumine the sad battlefields of France."

Branching Asters are the most popular for the garden and for cut flowers in the house





## ANTIRRHINUMS-SNAPDRAGONS

These pretty, half-hardy perennials, that bloom from July until frost, belong to the aristocrats of the garden. Appearing as they do in the most pleasing shades, with the lovely flowers completely encircling the stout stems to fully 12 to 18 inches at the top, they are most useful for bedding or as cut flowers. Seed sown out-of-doors in early May will make plants that bloom from early in July until frost. For earlier flowering, start indoors in March and transplant outside when weather is favorable. Just barely cover the seed when sowing.

### ALL THESE KINDS ARE RUST-PROOF

**Apple Blossom.** Rosy pink, white tube.

**Brilliant Rose.** True rose-pink.

**Campfire.** Luminous scarlet.

**Cherry Rose.** Brilliant cherry-rose.

**Copper Queen.** Bronzy copper.

**Orange Shades.** Apricot-orange.

**Padre.** Rich crimson.

**Paradise Rose.** Bright rose.

**Red Cross.** Crimson with white tube.

**Rosalie.** Deep rose.

**Shasta.** Pure white.

**Yellow Giant.** Deep canary-yellow.

Any of the above: Pkg. 25c; large pkg. 45c.

**Collection:** One package of each of the above twelve kinds for \$2.55.

**Color Blends.** We make this mixture by carefully blending all of the colors listed above.

Pkg. 20c; large pkg. 35c.

### Magic Carpet Snapdragon

Just about the most delightful flower you have ever seen when planted in beds and borders. Husky little plants 8 inches tall. A mass of bloom in just about every color in the rainbow from early July until frost. **COLOR BLEND.**

Pkg. 25c; large pkg. 50c; 1/16 oz. 70c

**GIANT RUFFLED "TETRA-SNAPS." Superfine Mixed.** A new race of Snapdragons created scientifically by treating normal flowers with the drug Colchicine. Each plant produces several stems with larger flowers, thicker petals, attractively ruffled, fuller spikes with more florets open at one time, heavier stems and sturdier plants. **Mixed Colors Only.** Pkg. 25c; large pkg. 50c

## AQUILEGIA or COLUMBINE

The modern Columbine with their long-spurred giant flowers on thrifty, strong growing 3-foot plants, are splendid both for garden display and for cutting. They flower in May and June and do best in a rich soil in semi-shade.

**Long Spurred Blue Hybrids.** This strain has been bred and perfected over a long period of years and we believe it is the very finest in existence. The big, husky plants, 3 to 4 ft. high, carry quantities of very large, long spurred flowers in attractive shades of blue. Pkg. 35c; large pkg. 65c

**Hart & Vick's Masterpiece.** This is the best of the hybrid Columbines. Long spurred flowers in such splendid colors as lavender, orchid, blue, yellow, mauve, purple, scarlet, etc., and many two-color combinations. Pkg. 35c; large pkg. 65c

**Mrs. Scott Elliott's Hybrids.** Superb colors of long spurred giant trumpet flowers in a pastel color mixture.

Pkg. 20c; large pkg. 45c



Double Balsam

### Double Camellia-Flowered Balsam

The Lady's Slipper of Grandmother's Day

An old garden favorite, producing its gorgeous masses of brilliant, double flowers in the greatest profusion throughout the summer. Of easy culture and succeeds in a good rich soil. Height 2 feet. Start the seed indoors in April or sow outdoors in May.

**H. & V. Mixture of Goliath Balsams.** A wonderful mixture of colors in tall-growing Balsams. Beautiful in the garden and as cut flowers. Pkg. 10c; 1/4 oz. 45c

### Bellis Perennis

Giant Double English Daisies easily raised from seed and bloom from early spring until midsummer. A hardy perennial, they grow 6 inches high and make splendid border plants.

**Crimson Rose White All Colors Mixed**  
Any of these colors: Pkg. 25c; lg. pkg. 75c

### Brachycome

(Swan River Daisy)

**Iberidifolia, Mixed.** A free flowering, dwarf growing annual, covered during the greater part of the summer with lovely blue and white flowers. A very pretty plant for large beds and broad borders and excellent for pot culture. Height 1 foot.

Pkg. 15c; large pkg. 35c

### Calliopsis - Tickseed

Showy, beautiful, free-flowering annuals of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. Sow where they are to bloom, thinning to 6 to 12 inches apart

**Tall Varieties.** Contains the finest large and small-flowered tall Calliopsis in a riot of colors. Showy in the garden, grand for cutting. 2 1/2 to 3 feet. Mixed colors. Pkg. 15c; 1/4 oz. 30c

**Dwarf Gold Crest.** Large golden yellow semi-double with brown zone. 18 in.

Pkg. 15c; large pkg. 35c

Mrs. Scott Elliott's Columbine



Shasta—A Giant-Flowered Snapdragon





Pacific Beauty Calendula

## Pacific Beauty CALENDULA

A new family of Calendula, the result of several years' work to produce a strain with uniformly large flowers of better formation, longer and straighter stems and a Calendula that was more resistant to heat. A Calendula that would bloom all season. Save a spot in your garden for these new Pacific Giant Calendula. Grow in any good garden soil, 18 inches tall. Effective in beds and borders, blooming from early summer until frost. Try sowing the seed in August for specimen blooms with unusual stems.

**Apricot Beauty.** Large double two-tone apricot flowers.

**Cream Beauty.** Creamy white flowers shading to soft light yellow.

**Lemon Beauty.** Very graceful double flowers of pure lemon-yellow.

**Persimmon Beauty.** Flowers of true persimmon-orange of unusual brilliance and size.

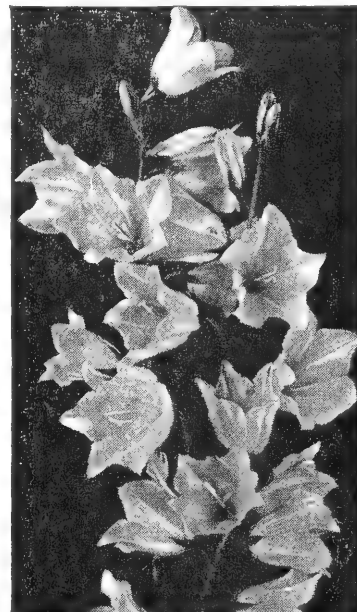
**Pacific Beauty Blend.** Made up of separately grown varieties properly blended for best color effect.

Any of the above: Pkg. 15c; large pkg. 50c; 1/4 oz. 90c.

**Collection:** One package each of the above four separate colors for 45c.

**A Mixture of the Older Calendulas.** Seed of nine of these older Calendulas has been mixed together for those gardeners who feel they must stay with the kinds that have been in their gardens for so many years.

Pkg. 10c; 1/4 oz. 35c; oz. \$1.15



Campanula Persicifolia

## CAMPANULAS

### Biennial Varieties

**CALYCANTHEMA** (Cup and Saucer Canterbury Bell). A splendid biennial, 2 ft. high, bearing large, beautifully colored flowers resembling a cup and saucer. Sow seed from June to September, transplant to 6 inches apart, protect during winter. Flower the following season.

**White**      **Dark Blue**      **Mixed Colors**  
**Rose**      **Light Blue**

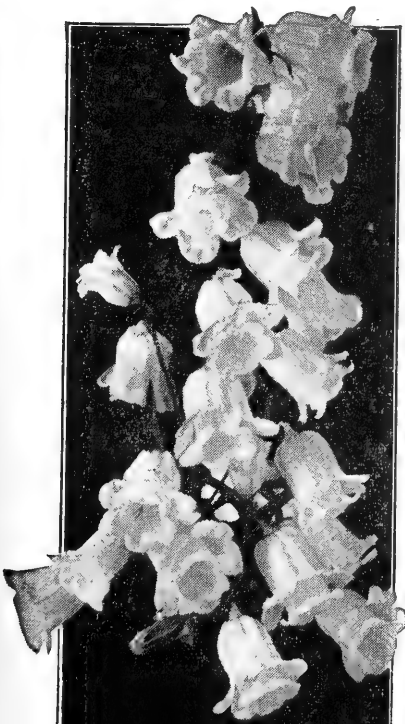
Price, any of above: Pkg. 15c; lg. pkg. 35c

**MEDIUM** (Single Canterbury Bells). Old-fashioned Canterbury Bell. Biennial, require same culture as C. calycanthema. Grows 2 feet high.

**Light Blue**      **Pink**      **Mixed Colors**  
**Dark Blue**      **White**

Price, any of above: Pkg. 15c; lg. pkg. 35c

Cup and Saucer Canterbury Bells



### Perennial Kinds

**CAMPANULA CARPATICA** (Harebells). A hardy perennial blooming profusely all season. Grows 6 inches high. Splendid for borders.

**Blue**      **White**      **Mixed Colors**  
Each: Pkg. 20c; large pkg. 50c

**CAMPANULA PERSICIFOLIA BLUE** (Blue Peach Bells). Large, handsome, bell-shaped flowers about 1 1/2 in. long in showy terminals during June and July. Pkg. 25c; large pkg. 60c

**CAMPANULA PYRAMIDALIS** (Chimney Bellflower). Small, star-shaped flowers during August and September. Excellent for back-grounds

**Blue**      **White**      **Mixed Colors**  
Each: Pkg. 25c; large pkg. 50c

### Annual Canterbury Bell

Same flower and type of plant as the well known biennials, but these bloom six months after seed is sown. For early flowers start the seed indoors. They come in various shades of lavender, blue, rose, pink and white. Strong growing plants 2 to 2 1/2 feet tall.

**Mixed Colors.** Pkg. 15c; large pkg. 30c

**California Poppies** are listed under Eschscholtzia on page 12.

Annual Candytuft is a Splendid Cut Flower

## CANDYTUFT - IBERIS

### Annual Varieties

**Umbellata.** An easily grown and very free-flowering annual almost as fragrant as Sweet Alyssum and very rapidly growing in popularity. Sow outdoors in early spring and thin when plants are 2 inches high, giving each plant 6 inches of space to develop in. Sow another lot of seed in July for fall blooming. Not only does Candytuft make a brilliant display in the garden, but it is a very useful cut flower and is grown in quantity by many florists.

**Carmin**      **Pink**      **Mixed**  
**Crimson**      **Deep Red**  
**Lavender**      **White**

Each: Pkg. 10c; 1/4 oz. 35c; oz. \$1.15

**Collection:** One package of each of above—6 colors for 45c.

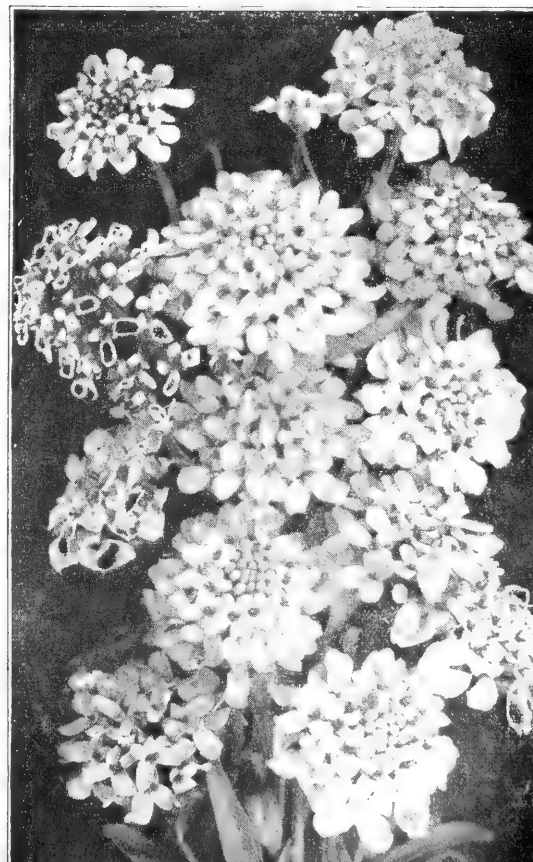
**Giant Hyacinth-Flowered.** A wonderfully improved strain of the popular Empress Candytuft, quite distinct from the Umbellata sorts offered above, forming well branched plants 18 inches high, each branch terminating in an immense spike of large individual white flowers. Makes a splendid white border or bed. Fine for cutting. Pkg. 15c; 1/4 oz. 45c

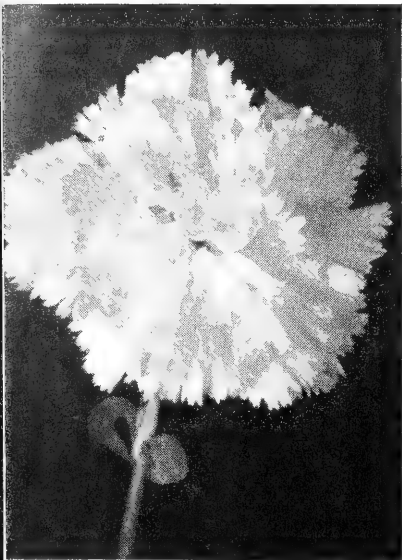
### Perennial Candytuft

Evergreen plants that grow 6 to 10 inches high, with decorative foliage, and are covered with blooms in the spring and early summer. One of the best border or bedding plants.

**GIBALTARICA.** White flowers, tinted with pink. Pkg. 15c; large pkg. 30c

**SEMPERVIRENS.** Flowers white; in early spring. Pkg. 25c; large pkg. 75c





Sweet-Scented Carnation

# CARNATIONS

## For Your Garden

Ideal flowers for cutting and for growing in beds and borders where their delicious spicy fragrance and rich colors make them universal favorites. All Carnations do best in a sweet soil, well drained and in a sunny location.

### Giant Double Sweet Scented

A new hardy Carnation from the French specialist Chabaud that flowers from seed five months after sowing and continues to produce splendid double flowers, some of solid colors, others tinted and blended, year after year. This is a sweet scented variety and a splendid addition to the list of hardy garden flowers.

**Cardinal-Red**  
**Deep Rose**  
**Crimson**

**Deep Salmon**  
**Flesh-Pink**  
**Rose-Pink**

**White**  
**Yellow**

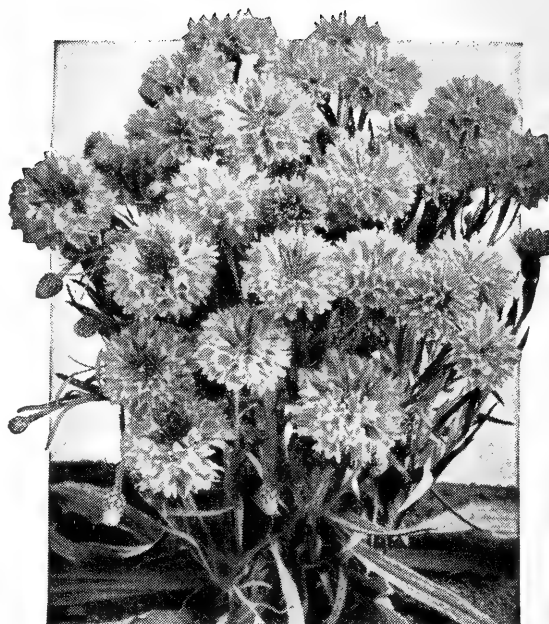
**Blend of Colors.** All of the above colors blended.

Any of above: Pkg. 25c; large pkg. 50c.

**Collection:** One package each of the above—8 colors for \$1.75.

### Grenadin Carnations

Compact growing, hardy plants bearing long-stemmed double flowers the first year if the seed is sown early. Cut the tops back when they are through blooming. These come in a blend of colors, red, white, rose-pink, rose and soft yellow. Pkg. 25c; large pkg. 65c



Low Growing Jubilee Gem Cornflower

## Centaureas, Bachelor Buttons and Double Cornflowers

### Jubilee Gem Cornflower

A low, compact growing plant about twelve inches high. Liberally covered with dark blue, very double flowers. Good for edging plantings of taller annuals or perennials, mass planting, or for bordering walks and drives. Combines very well with Marigolds. Pkg. 15c; 1/8 oz. 30c.

### Polar Gem Cornflower

A recent introduction and a companion plant to the most popular Jubilee Gem Cornflower. Very double, pure white flowers on the same low, compact growing plant. About 12 inches high. We feel sure that this will be welcomed by gardeners everywhere because, like its companion, it has so many uses and is adaptable to so many situations and conditions. Pkg. 25c; 1/8 oz. 45c

### Centaurea Cyanus

Known as Bachelor's Buttons, Ragged Sailor, Blue Bottle, etc. These hardy, easily grown bright flowering plants are among the most attractive and graceful of old-fashioned flowers, and bloom all summer. We have discarded the old single-flowering type, the greatly improved double-flowering kinds offered below being much better in every way.

**Black Boy.** Rich deep maroon.

**Blue Boy.** Extremely large; rich deep blue.

**Pinkie.** Large; clear rose-pink.

**Red Boy.** Very attractive deep red.

**Snow Man.** Pure white; very double.

Each of above: Pkg. 15c; 1/4 oz. 35c; oz. 95c

**Collection:** One package each of the foregoing 5 colors for 65c.

**Double Mixed.** Pkg. 10c; 1/4 oz. 25c; oz. 85c

### Royal Sweet Sultan

(*Centaurea Imperialis*)

This beautiful class is undoubtedly the finest of all Sweet Sultans for cutting purposes. The deliciously sweet scented flowers are borne on long, strong stems, and when cut will keep for several days in perfect condition. The plants grow 2 1/2 feet high, are well branched, and make a splendid display in the garden. Sow the seed early.

**Choice Mixture.** Splendid colors.

Pkg. 15c; 1/4 oz. 35c



Royal Sweet Sultan

## Cardinal Climber

Attractive vine growing 25 ft. in a season. Fernlike foliage and clusters of fiery cardinal-red inch diameter flowers from mid-summer until frost. Pkg. 15c; 2 for 25c

## Celosia and Cockscomb

Crested Cockscomb is an old garden flower again becoming popular



Easily grown, old-fashioned flowers that could be used with splendid effect in many gardens. The plumed type is especially useful as a background for lower growing plants.

### Crested Cockscomb

(*Celosia cristata*)

An easily grown, free-blooming annual, very effective in the border and attractive for pots. Sow seed under cover in the early spring or outdoors in May. Plants grow 1 foot high.

**Dwarf Empress Giant.** Brilliant crimson combs of giant size. Crimson foliage.

Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 90c

**Dwarf Mixed.** Crimson, scarlet, yellow and orange shades mixed together.

Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 90c

### Plumed Celosia

(*Celosia plumosa*)

Plumed Celosia is one of the showiest and best bedding plants. Grows 2 to 3 feet high.

**Thompson's Magnificent.** Mixed colors; fine for outdoor planting. Pkg. 15c; 1/8 oz. 50c

### Chinese Woolflower

(*Celosia Childsii*)

**Choice Mixture.** Unlike other feathered Celosia, it bears large, globular heads like balls of wool, on stalks 2 to 3 feet high. Branches freely, each branch terminating in a bright ball. Not only valuable as a very showy garden flower, but they make a fine flower for cutting, as they can be dried and will keep their color for weeks. Pkg. 15c; 1/8 oz. 45c

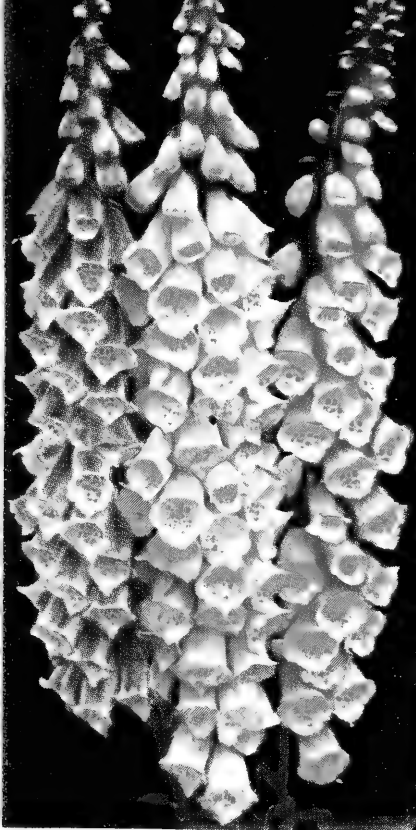
### The New Celosia

Giant Pampas Plume

Pictured in natural color on the opposite page.

Huge feathered plumes on vigorous, long-stemmed plants are the trademark of this new giant strain of Celosia Plumosa for bedding and for cut flowers. A full mixture of colors containing bronze, copper, gold and sunset colors very rare in Celosia with a minimum of dark reds. The plume is huge and dense, gracefully pointed. Makes a splendid summer border as it thrives in hot weather and makes a riot of colors. Very easy to grow. Pkg. 25c; large pkg. 65c





Monstroa Foxgloves  
in a Mixture of colors  
Pkg. 20c



Hardy Single Flowering Pyrethrum  
Pkg. 20c



Fire Chief Petunia won the All-America Gold Medal  
in 1951. Pkg. 25c

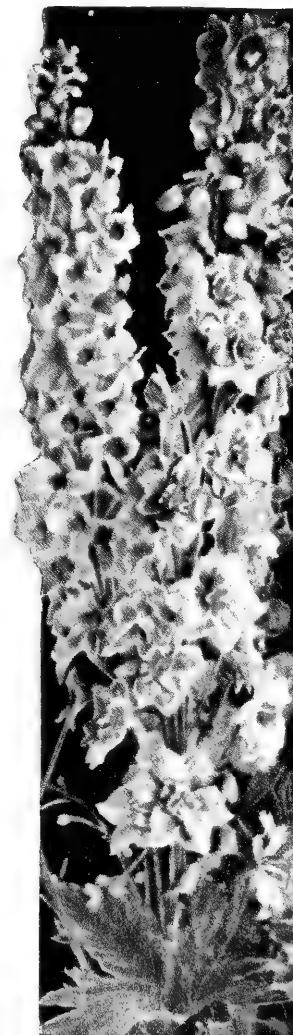


Giant Pink Queen Cleome. Pkg. 15c



Roggli Special Mixture of Giant Pansy. Pkg. 35c

Pacific Giant  
Delphiniums  
Pkg. 45c



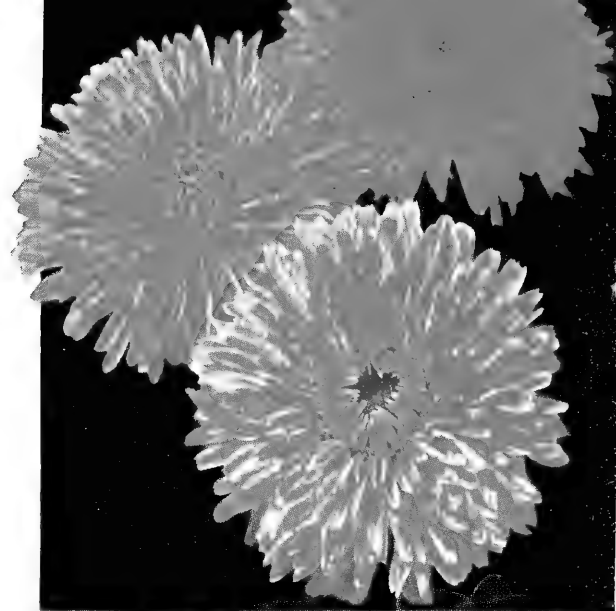
←  
New Giant Pampas  
Plume Celosia  
Pkg. 25c

→  
Giant Sweet Scented  
Hardy Carnation  
Pkg. 25c





Princess Asters come  
in 7 splendid colors.  
This is Princess  
Margaret. Pkg. 25c



Pacific Beauty Calendules. Pkg. 15c



Purple Robe Nierembergia. Pkg. 25c



Cut and Come Again Zinnia  
Sunrise. Pkg. 15c



Merry Mixture of Annual Chrysanthemums. Pkg. 15c



Torch Tithonia—Silver Medal Winner  
1951 All-America Selections. Pkg 20c

Russell's Famous  
English Lupins  
Pkg. 25c







This Merry Mixture of colors in Annual Chrysanthemums is splendid for cutting and for garden display

## CHRYSANTHEMUMS

The Annual Chrysanthemums or Painted Daisies, as they are called, bloom profusely from early summer until fall, their bright colors making a splendid show in the garden and being very useful as cut flowers in the house. As they grow 2 feet high, they make fine beds and borders, doing best in heavy soil.

**Carinatum Merry Mixture.** Easily grown annuals giving an abundance of large single flowers for cutting and display throughout the summer. They are beautifully zoned and ringed with unusual contrasting colors. Mixed colors. Pkg. 15c; 1/8 oz. 35c

**SHASTA DAISY, CONQUEROR.** A splendid perennial variety that bears giant, white, glistening, daisylike flowers seldom less than 5 inches across on stems 2 1/2 feet high. Blooms all season and when cut will remain in good condition for a week. Pkg. 15c; large pkg. 35c

## Clarkia - Garland Flower

**Giant Double-Flowering.** These are among the finest of all flowers for the garden, blooming profusely and making a brilliant show when planted in beds and borders. Each plant produces a mass of slender, upright branches about 2 feet high, covered almost the entire length with buds and flowers whose daintiness of form and delicacy of color remind one of the almond blossom. Very easily grown in any light garden soil, either in the sun or in partial shade. All colors mixed. Pkg. 15c; 1/8 oz. 40c



Cheiranthus—Siberian Wallflower

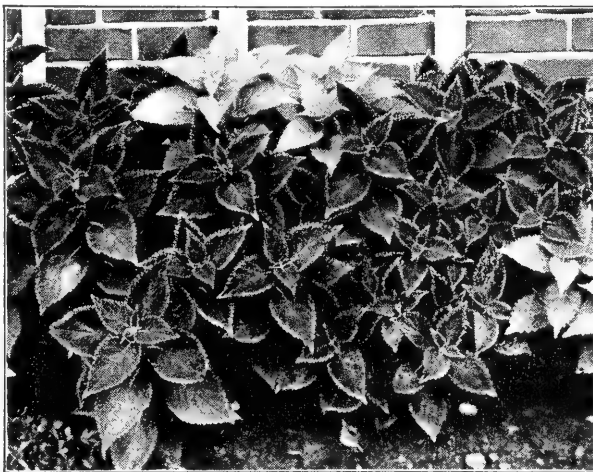
## Cheiranthus Allioni (Siberian Wallflower)

**Allioni.** A beautiful plant for the bed or border. Its dazzling, fiery orange flowers are borne in the greatest profusion on stems a foot high. Best used as a biennial. Blooms during May and June. Pkg. 15c; 1/4 oz. 35c

## Coleus

**Special Rainbow Mixture.** Large, beautifully colored leaves of light green, yellow, orange, crimson, and maroon, used for beds and borders, and also for growing in pots. Pkg. 35c

**Choice Mixed.** A splendid mixture of the smaller leaved varieties. Pkg. 35c



Coleus Make Handsome Borders for Taller Growing Plants

## Bovung Fertilizer

Is dehydrated liquid cow manure. For feeding your plants with liquid fertilizer it tops all other kinds. Splendid on flower and vegetable gardens, roses, shrubs, and trees. It will absolutely not burn the plants or the lawn grass. No live weed seeds. Sterilization has taken care of this. Use 10 lbs. to each 100 square feet. 5 lbs. 55c; 10 lbs. 98c; 25 lbs. \$1.65; 50 lbs. \$2.85

## Cobaea

(Cup-and-Saucer Vine)

A rapid growing annual climber that often attains a height of 40 feet in a season. Flowers purple, bell-shaped. Fine for covering arbors and trellis. Plant seed edgewise, cover lightly; to get best results start the seed indoors in May.

**Scandens.** Purple. Pkg. 15c; large pkg. 40c

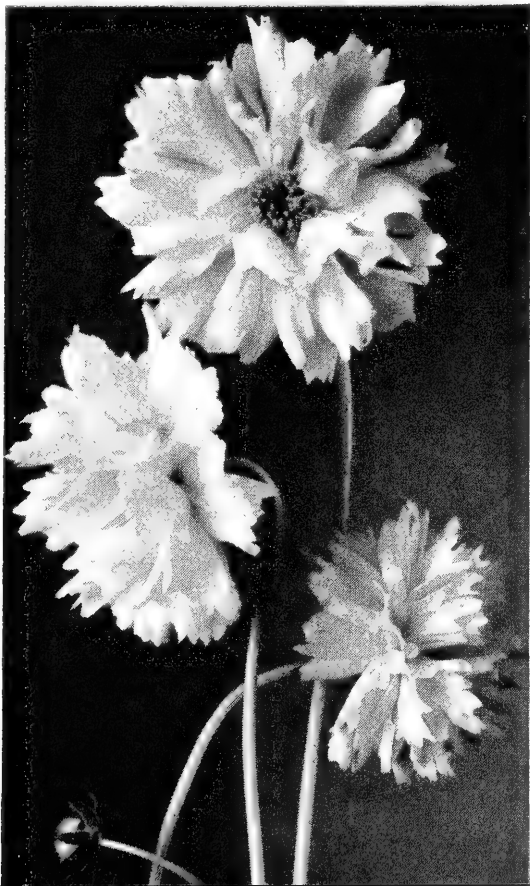
## Cynoglossum

(Chinese Forget-Me-Not)

This easily grown annual plant was recently brought here from China. It is strong and thrifty growing, 15 inches high and producing throughout the summer, sprays of Forget-Me-Not flowers that are delicately sweet scented.

**Firmament.** New low growing, bushy, easily grown kind, covered with rich blue flowers. Pkg. 15c; lg. pkg. 30c

## Double Sunburst Coreopsis



## Giant Pink Queen Cleome or Spider Plant

Silver Medal Winner, All-America Selections

A new graceful hardy annual that grows 3 1/2 to 5 feet tall, and bears huge trusses of bright salmon-pink flowers from early summer until hard frost in the late fall. Solid beds of Cleome make a most wonderful display. Have the plants 18 inches apart each way. A double row makes a splendid hedge. The plants are well branched, each branch terminating in a large head of bright pink blooms followed by long, slender seed pods supported by long, wiry stems. Splendid for large beds or background planting. Pkg. 15c; large pkg. 45c

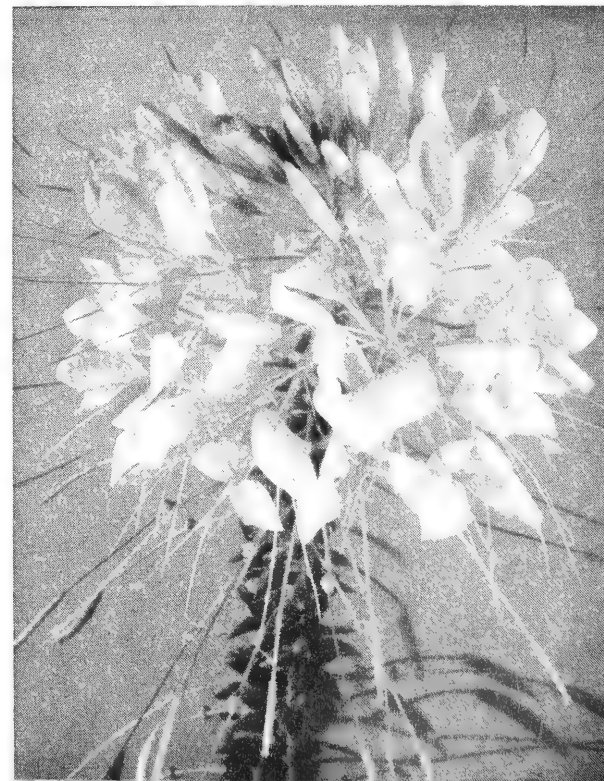
## Coreopsis

**DOUBLE SUNBURST.** A new double-flowering, long-stemmed Coreopsis that is a splendid addition to our list of hardy flowers. Readily grown from seed and blooms the first season. Pkg. 15c; large pkg. 35c

**MAYFIELD GIANT.** Extra large rich golden yellow flowers on long stems. There are many flowering branches providing an abundance of flowers for cutting. This newer variety is so much better in every way than the old Grandiflora kinds that we have discontinued them. Pkg. 15c; large pkg. 25c

You get the same high quality seed in these garden size packages as we furnish the particular florist whose living depends on the quality of the flowers he grows.

## Giant Pink Queen Cleome





The Best Crimson Cosmos is Dazzler

## Cosmos Bloom All Summer

These are among the most popular and easily grown annual flowers, making a wonderful display in beds and borders in the garden, and furnishing an abundance of cut blooms for house decoration in the fall, when other flowers are scarce. Sow the seed outdoors just as soon as danger from frost is over, or it may be started in cold frames and then transplanted. Thin or transplant 18 inches apart, and pinch back the tops to make them branch.

### Sensation Cosmos

Beautiful variety bearing, in good quantity, large 4-inch in diameter, single flowers with overlapping, fluted petals, about 10 weeks after the seed is sown. Much better than older single flowering kinds. Plant compact, 4 feet tall.

**Radiance.** Silver Medal Winner. Deep rose-crimson disc. Canary-yellow center.

**Dazzler.** Rich crimson.

**Pink Lady.** Rich shade of lilac-pink.

**White King.** Glistening silvery white.

**Mixed Colors.** The four colors mixed. Price of above: Pkg. 15c; large pkg. 45c

### Early Double Cosmos

In the center of the flower is a crest of short, fine petals and this is surrounded by a row of broader and longer guard petals. The colors crimson, pink and white. The long, strong stems are covered with lacelike foliage that adds greatly to its decorative qualities. The plant grows 3 to 4 feet high and is massed with bloom from July until frost.

**Mixed Colors.**

Price of above: Pkg. 15c; large pkg. 50c

### KRILIUM

The modern soil conditioner worked into the top half inch of soil keeps the earth from crusting. Allows the young seedlings to come through easily. See page 22.

## All-America Silver Medal Winner 1952

**Fiesta Cosmos.** Pictured in colors on the inside front cover. Early, heat loving, easy to grow. Fiesta makes a compact 2½-ft. plant with a riot of bloom all summer long. The flowers are semi-double, ruffled, borne like tropical birds amid lacy foliage. Fiesta is a cut flower for the house and a border subject for the garden. Pkg. 20c, large pkg. 50c

## Lovely Dahlias

ARE GROWN FROM SEED

It surprises most people to learn how easily Dahlias are grown from seed, and what splendid and unusual flowers, hardly two alike, are borne on the sturdy plants the first year. Sow the seed early in April. In the fall dig and store the tubers in a dry, cool place.

**Coltness Hybrids.** Very lovely single flowers about 3 inches across with slightly fluted petals that overlap each other and come in many beautiful colors from pure white to the deepest maroon. The sturdy plants grow about 2 feet high and bear profusely from July until frost. Stems of good length make this an outstanding flower both for the garden and as a cut flower indoors. Pkg. 15c; ⅓ oz. 40c; ¼ oz. 70c

**Unwin's Dwarf Hybrids.** Miniature single, semi-double and double flowers in a brilliant array of colors ranging from pure white through cream, yellow, orange, salmon, pink, rose, purple and deep maroon. Plant grows about 20 inches high and starts blooming early in August and continues until frost. Splendid for display in the garden and for cutting. We offer here a greatly improved strain producing a very high percentage of double flowers, of perfect form, with taller, stronger stems. Pkg. 20c; ⅓ oz. 60c



Unwin Dwarf Hybrid Dahlias

## DIANTHUS Sweet-Scented Garden Pinks

Brilliant colors and profusion of bloom make these Garden Pinks one of our most popular flowers. Plants grow about a foot high and are particularly fine in masses in beds and borders.

### Annual Varieties

**Gaiety.** Giant single flowered annual Pink with deeply lacinated petals. This is the liveliest color blend in Dianthus. In it you will find salmon, pink and rose shades in addition to the usual colors of Dianthus. Pkg. 15c; large pkg. 50c

**Giant Double Sweet-Scented.** Double flowers with colors from the most delicate pink to the deepest crimson. Pkg. 15c; large pkg. 45c

**Sweet Wivelsfield.** A new annual Pink for the border or bed. The plants have the thrifty growth of Sweet William, and the flowers the brilliancy of color of Japanese Pinks. Pkg. 15c; large pkg. 35c

### Perennial Kinds

**ALLWOODI ALPINUS.** A beautiful hardy Pink for the border or bed. Grows 4 to 6 inches high and bears large flowers in various shades of rose and pink and lavender during July and August. Pkg. 20c; large pkg. 55c

**PLUMARIUS, SINGLE MIXED.** Fringed flowers in many beautiful colors. Pkg. 15c; large pkg. 35c

**PLUMARIUS, DOUBLE MIXED.** Double and semi-double, very fragrant, fringed flowers in many beautiful colors. Grows 8 inches tall. Pkg. 15c; large pkg. 75c

### Didiscus

(Blue Lace Flower)

**Caerulea.** Blue Lace Flower grows into an upright, very much branched plant about 2 feet high. Each branch ends in an umbel of sky-blue flowers which spread out in an umbrella-like fashion, crowning each shoot with a beautiful and delicate head of flowers. It is easily grown and a splendid cut flower, lasting unusually long in water. Pkg. 15c; large pkg. 30c

### Dimorphotheca

(African Daisy)

**Aurantiaca.** Also known as the Cape Marigold. Daisy-like blooms during summer and fall. Good for rock gardens, edging and cutting. Quick to come into bloom. 12 to 15 inches tall. Bright golden orange flowers. Pkg. 15c; large pkg. 30c

You will find on page 51 our Rainbow Mixture of Exhibition Gladiolus offered. We are very proud of this mixture for we believe it's one of the best in the country. We make the blend of 15 colors right here in our warehouse from separate named varieties assuring you of a rainbow of colors that we are sure will please you. Try a dozen or two.





# HART & VICK'S DELPHINIUMS

## THE CENTER of ATTRACTION in any GARDEN

These are the most popular and certainly one of the most beautiful of all the hardy plants for display and for cutting. The tall spikes of flowers of many shades of color, standing erect above the dark green foliage, make a wonderful display unequalled by any other flower. They begin to bloom in June and by cutting the flower stalks to the ground, as the crops of flowers fade, a second and third lot of bloom may be had.

## PACIFIC GIANT DELPHINIUM

A new strain originated on the Pacific Coast by Vetterle and Reinelt. Huge flowers 2½ inches in diameter, beautifully spaced on well-balanced spikes, thin, strong, woody stems. Comparatively mildew-resistant, practically 100 per cent double. Seed grown each year from the originator's cross-pollinated seed.

### Black Knight

Darkest of all dark blues with a dark bee. Giant flowers of heavy velvety texture on very long, well formed spikes. A great favorite in our display grounds.

### Cameliard

Clear lavender, very double flowers with white bees. This is no doubt the finest lavender ever seen in Delphinium.

### Galahad

Clear white flowers with a white bee and very heavy glistening texture, pyramidal spikes with well spaced flowers, good branching habit, strong whippy stems with a high percentage of mildew-resistance.

### Percival

Enormous double white flowers with large contrasting black and striped center bees. Most attractive and showy.

### Summer Skies

Clear light blue flowers, very delicately colored. Has a white bee.

### King Arthur

Very dark violet flowers with white centers or bees. Probably as dark or darker in color than any other Delphinium. In our trial gardens King Arthur had not only the largest individual flowers but the longest spike and the tallest and strongest stem.

### Round Table Mixture

Three hundred crosses were used to make up this kind that combines all the newest color developments. The finest Hybrid Delphinium Mixture we have ever seen. At our display grounds at Fairport, N. Y., we had over 300 plants, grown from this seed, in bloom. Hundreds and hundreds of visitors pronounced it the best lot of Delphinium they had ever seen. We recommend this mixture of colors in Delphiniums to every gardener whether he or she is a Delphinium expert or just starting to grow them in their gardens for the first time.

#### PRICES OF ABOVE:

Pkg. of about 100 seeds .45c  
Large pkg. (about 200 seeds) 75c.



Datura—Angel's Trumpet

## Datura

(Angel's Trumpet)

**Wrighti. (Meltoides.)** Showy, large, upright growing plants 3 feet high, having large bluish green leaves and dark purple stems. The immense trumpet-like, pale lavender flowers are very sweet scented and bloom from midsummer to fall. Grow them in a light soil and in a sunny, protected place.

Pkg. 25c; ⅛ oz. 60c;  
¼ oz. 95c

"The Richards family have been getting their seed from you for over 30 years. It has never failed us. We have always had successful gardens."

MARGARET RICHARDS.

## Astolat

A New Pink Delphinium

By the originators of the wonderful Pacific Giants and equalling them in size and doubleness of individual flower, length of flower spike, and sturdiness of stem. The beautifully formed flowers come in many shades of pink, blush, lilac-pink, rose-pink and deep raspberry-rose, all with dark bees. Be sure and have some of these new pink Delphinium in your garden this year. You will be delighted with them.

Pkg. \$1.00

## Hart & Vick's Exhibition Hybrid Delphinium

The flowers are of exquisite texture, splendid size, and the trusses 2 feet long, held erect on 6-foot stems. Here you will find sky-blue, porcelain-blue, gentian, royal and cornflower-blue, mauve, rose, heliotrope, pansy-violet, with double and crested centers in pure white, cream, yellow and black.

Pkg. 35c; large pkg. 65c

## Bellamosum Improved

A dark blue form of the popular light blue Belladonna. Sturdy grower, free bloomer, and has all the other good qualities that make a successful garden plant. Height 3 feet.

Pkg. 20c; large pkg. 55c

## Hart & Vick's Gold Medal Hybrid Delphinium

This is a mighty good strain of Delphinium we offer you at a popular price. The flowers are of good size and come about 50 per cent double. Colors range from light sky-blue with light and dark bees through the mid-blues, violets, purples and lavender, and lavender-pink. Plants are strong growing and carry the flower spikes on strong, wiry stems. This strain is very easily grown.

Pkg. 15c; large pkg. 30c

## Belladonna Improved

A greatly improved strain of this popular variety. It has a brighter and larger turquoise-blue flower, a longer and better filled flower spike that is carried on a stonger and longer stem, and greatly excels the old Belladonna for continuous blooming.

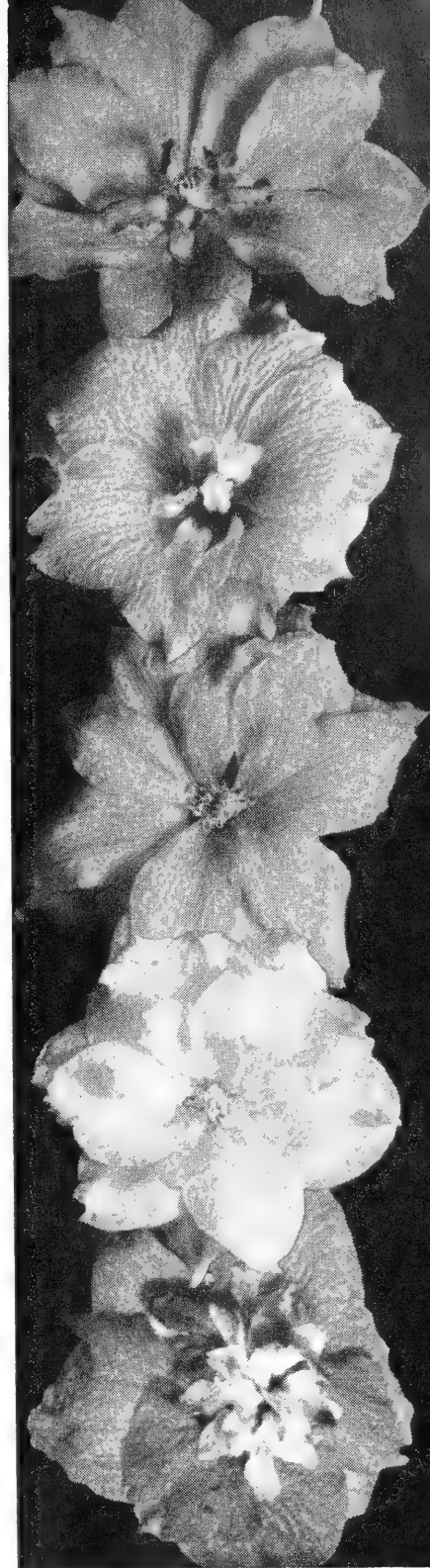
Pk. 20c; large pkg. 55c

When you have set the young plants out in the garden where they are to bloom, cover them with Hotkaps (page 53). They will protect them from the heat of the sun and keep them from wilting and being eaten by bugs. Hotkaps are good garden insurance.

The individual flowers of Pacific Hybrids are very large. We have grown them here in Rochester 2½ inches in diameter.

## Hints on Growing Delphinium

Chilling or freezing Delphinium seed in the refrigerator and sowing while still cold increases germination. Sow from early spring until mid-August in a well-prepared seedbed. Cover ⅛ in. deep. Shelter from sun. Transplant to garden when plants have three leaves. Every spring throw a handful of lime on each plant and feed liberally with Bovung. Cut the plant down when it is through with its summer bloom and again give a handful of lime.







**Dimorphotheca** should be grown in more gardens. It really is a very lovely annual

## Doronicum (Leopard's Bane)

**Caucasicum.** A very showy, hardy perennial bearing large, single flowers with long, narrow, bright yellow petals in the early summer. Blooms at the same time as the late Tulips and lovely when planted with pale lavender varieties. Grows 2 ft. high. Pkg. 35c

## Euphorbia

**Variegata** (Snow-on-the-Mountain). Striking ornamental plant having light green leaves variegated with white. A strong growing and popular annual suited for beds and borders of tall growing plants. Sow seed in early spring, where plants are to remain. Thin to 1 foot apart. Height 2½ to 4 feet. Pkg. 15c; ¼ oz. 35c

## Four O'clock (Marvel of Peru)

An annual plant of bushy habit that grows very easily in any garden, is 2 feet high and bears throughout the summer large flowers that open wide about 4 o'clock in the afternoon, if the day is sunny, and stay open all day if it is cloudy. We offer a mixture of these colors: white, yellow, crimson and striped. Pkg. 10c; ¼ oz. 20c; oz. 65c

It is almost unbelievable what **Kriliun** will do for heavy clay soils. With it you can have a garden as easy to work as any of your neighbors. See page 22.



**Doronicum** is lovely in the garden or as a cut flower in the house

## DIGITALIS - FOXGLOVE

The old-fashioned, stately Foxgloves are popular in gardens everywhere. Their long spikes, 4 to 5 feet high, bearing Gloxinia-like flowers in cream, rose, red, white and other beautiful colors, rising above the rich green foliage, make a wonderful show in June and July, and add to the beauty of any garden. This is a biennial and the seed should be sown each year for continuous display. Plant in a well-drained place in the garden.

**MONSTROSA.** Tall spikes of very large bells, many spotted. Clear bright colors: rose, purple, lilac, shell-pink, and white. This is the largest flowering of the Foxgloves. We offer it in mixed colors. Pkg. 20c; ⅛ oz. 55c

## Eschscholtzia

(California Poppy)

The State Flower of California

A beautiful and brilliant annual growing about a foot high and bearing quantities of Poppy-like flowers in yellow, orange and crimson. These are specially good when planted in beds and borders where their finely cut, blue-green foliage and brilliantly colored flowers make a gorgeous display. Sow the seed in the early spring where the plants are to remain.

**Golden West.** Single flowers of deep yellow with a brilliant orange blotch. Pkg. 10c; ¼ oz. 35c

**Single Flowering Mixed Colors.** Very delicate silklike flowers in a color assortment ranging through golden orange, chrome-yellow, purple and frost-pink. Pkg. 10c; ¼ oz. 35c

## GERANIUMS

Giant flowers in many beautiful colors: white, pink, rose, salmon, scarlet and crimson, in a splendid mixture. Easy to grow from seed and make splendid plants for both house and garden. Pkg. 35c

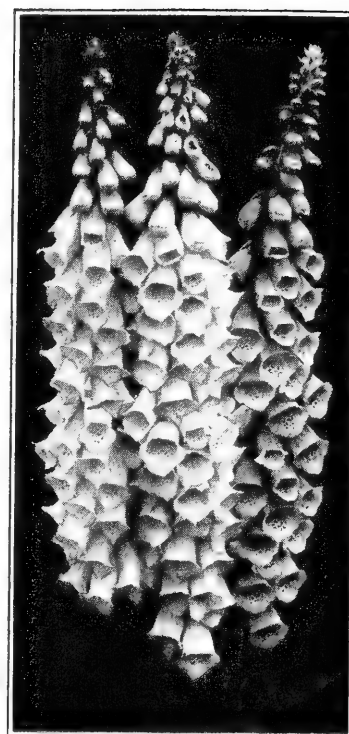
## Geum - Avens

These hardy perennial plants belong to the Rose family and have become very popular in the hardy border, where their showy flowers make a brilliant display from May through October. To avoid wilting after cutting, put the stems in warm water. Height 2 feet.

**LADY STRATHEDEN.** Rich golden yellow, double flowers produced in great profusion all summer. Pkg. 20c; lg. pkg. 45c

**MRS. BRADSHAW.** Large, double, orange-scarlet flowers on plants 2 feet high. Pkg. 20c; large pkg. 45c

Monstrosa Foxglove



## HART & VICK'S GAILLARDIAS

### Annual Varieties

Annual Gaillardia make a splendid show in the garden from early summer until frost. The brilliant flowers are fine for cutting. Sow the seed where they are to bloom. Height 18 inches. Blooms all season.

**Picta, Indian Chief.** A most attractive single flower of glistening metallic bronzy red with a sharply contrasting dark center. Pkg. 15c; ⅛ oz. 25c

**Double-Flowering, Gaiety Blend.** Large, handsome, double, quilled flowers in rich shades of crimson, garnet, lemon, and orange. Pkg. 15c; ⅛ oz. 25c

### Perennial Kinds

Hardy Gaillardias thrive in any soil or position, and are absolutely hardy. Seed sown early often make plants that flower the first year. Will stand dry, hot weather. 2 ft. tall.

**GRANDIFLORA.** New Monarch strain with larger flowers with greater substance, more brilliant shades of crimson, orange and vermilion and longer, stronger stems. Pkg. 15c; large pkg. 40c

**DAZZLER.** Very large flowers of bright golden yellow with deep crimson-maroon center; charming as a cut flower. Pkg. 15c; large pkg. 40c

## Ornamental Gourds

**Small-Fruiting Varieties, Mixed.** The fruits vary greatly in shape and color, but all are of the small-growing type now so popular shown in bowls and baskets in the home. We have a specially fine strain of these very popular gourds. In this mixture you will find many varieties, both smooth and warted. Pkt. 10c; ¼ oz. 30c; oz. 75c

**Large-Fruiting Varieties, Mixed.** A mixture containing such well known large kinds as Dipper, Pipe, Dish-rag, Hercules Club, Calabash, etc. Pkg. 10c; ¼ oz. 30c; oz. 75c

## Godetia - Satin Flower

Attractive annuals, with wide-open, satiny petaled flowers and brilliant color. Will grow in poor and sandy soil and in partial shade.

**Tall Double, Mixed.** The double, brilliantly colored flowers are borne profusely on plants 2 feet high. Pkt. 15c; ⅛ oz. 45c

**Dwarf Double, Mixed.** Azalea-like, satiny, single flowers, splendid for beds and borders. Height 1 ft. Pkg. 15c; ⅛ oz. 45c

### HART & VICK'S MIXTURE OF EVERLASTING

A special mixture of different flowers that can be dried for winter bouquets. This mixture will also provide nice fresh cut flowers during the summer.

To dry, cut the flowers before they are fully developed, remove the foliage, bunch loosely, and hang heads downward in a cool, airy, shady place. Pkg. 15c; ¼ oz. 35c; ½ oz. 60c.



Hardy Gaillardia is Easily Grown



Annual Gypsophila is Splendid for Bouquets

# GYPHSOPHILA

(Baby's Breath)

## ANNUAL KINDS:

The delicate, mistlike sprays are used for mixing with other flowers in bouquets and vases. Plants grow readily and bloom freely.

**London Market Strain.** A new strain of the always popular annual Baby's Breath. The flowers, which are pure white, are the largest of any annual Gypsophila. It makes a remarkably fine flower for cutting and will be found useful in many ways. Make sowings of seed during the spring and early summer. Height 2 feet.

Pkg. 10c; 1/4 oz. 25c; oz. 60c; 1/4 lb. \$1.25

**Carmine.** Large, richly colored flowers on 18-inch stems. Pkg. 15c; large pkg. 40c

## PERENNIAL VARIETIES:

**PANICULATA.** Single, white flowers that are fine for winter bouquets when dried. A favorite hardy perennial. Height 2 feet.

Pkg. 10c; large pkg. 25c

**DOUBLE SNOW-WHITE.** A new hardy kind that is earlier and larger flowered than the old Paniculata Fl.-Pl. variety. Splendid for cutting and drying for winter bouquets.

Pkg. 25c; large pkg. 75c

The best gadget we have seen to keep dogs away from evergreens, shrubs and flower gardens is Animal Repellent Rope. It comes in 100-foot lengths at \$1.50, postpaid to you.



The Popular Helichrysum

## Helichrysum

(Strawflower)

**Monstrosum.** This is the most popular of the Everlasting Flowers that are grown in the garden during the summer, then cut and dried for winter display in the house. Plants grow about 24 inches tall, easily grown and bear double flowers in rich colors that will retain their color when dried. Pkg. 15c; large pkg. 40c

## Hart & Vick's Giant Hollyhocks

These real old-fashioned, hardy plants are a necessary part of every perennial garden. Nothing is more effective than a mass of Hollyhocks blooming in the back of the hardy border. Massed in fence corners or distributed among the shrubbery, no other plant produces such showy effects. Give them plenty of water, an occasional dressing of manure, and slight protection during winter. Height 6 feet.

### CHATER'S FAMOUS DOUBLE VARIETIES:

**Pink.** Apple blossom  
**Yellow.** Canary.

**Maroon.** Very dark.  
**White.** Pure white.

**Scarlet.** Bright.  
**Salmon.** Unusual.

**Deep Rose.** Very good.

Each of above: Pkg. 25c; large pkg. 50c.

**Collection:** One package each of the above—7 colors for \$1.45, postpaid to you.

**Double Mixed.** A color blend made right here in our flower seed rooms of all of the above seven colors. Pkg. 15c; large pkg. 40c

## Double Triumph Supreme Hollyhocks

Color range of unsurpassed variety. All the favorite colors plus vivid scarlet, orange and buff combinations not found in existing strains. Full double blossoms gracefully waved and fringed show well above the foliage. Blooms much earlier than older varieties. Strong growing plants, highly rust-resistant. Pkg. 20c; large pkg. 45c

Dust your Hollyhock plants regularly with Kolo Sulfur Rotonone Dust (page 55). It will keep the plants free from disease and make a much better looking planting.

## Annual Hollyhock

**Indian Spring.** Semi-double fringed flowers in shades of pink from bright rose to rosy carmine. Plants grow 4 to 5 feet high. Called "Annual" because the plants will flower the first season from seed if it is started early. The plant will last for several years.

Pkg. 15c; 1/4 oz. 45c

## Heliotrope - Cherry Pie

A half hardy perennial that flowers during the whole season and whose flowers and foliage are deliciously fragrant. Splendid for bedding or greenhouse use. Seed sown indoors early will produce blooming plants for bedding and pot plants for winter house decoration. Can be sown outdoors in May.

**LEMOINE'S GIANTS, MIXED.** Many shades ranging from very light blue to darkest purple. Pkg. 25c; large pkg. 50c

## Honesty

(Peter's Pence - Silver Penny)

**Lunaria biennis.** Grown for the silvery white, paper-like, flattened seed pods, which will make attractive winter decorations. Flowers are purple. A biennial that will flower the first year if the seed is sown early.

Pkg. 15c; large pkg. 35c



In a Corner or Along a Fence  
Hollyhocks Do Things to a Garden



Brilliant Coralbells—Heuchera

# Tall Double Annual LARKSPUR

A tall, upright branching plant that holds aloft, on strong stems, long trusses of large very double flowers. Splendid in the garden and for cutting. Larkspur is one of the best known of garden flowers, and in recent years a vast improvement has been effected by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown outdoors before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds and their free, graceful habit and bright colors are very effective when planted in groups in the old-fashioned flower or shrubbery border. As a cut flower they are particularly useful. Please remember Larkspur seed requires cool weather for germination. Sow as early in the spring as possible. Fall sowing should be done in September.

## New Regal Larkspurs

Very thickly placed large double individual flower in long, thick spikes of bloom. The colors in this new strain are particularly bright, clear and clean looking. The plant is vigorous in growth and the many branches that come from the base terminate in spikes of flowers. Grows 4 ft. high.

**Regal Dark Blue.** Very deep violet-blue.

**Regal Light Blue.** Clear azure-blue.

**Regal Lilac.** Pure clear lilac.

**Regal Pink.** Brilliant pink on salmon.

**Regal Rose.** Soft rich rose.

**Regal Salmon-Rose.** Very rich.

**Regal White.** Pearl-white.

**Regal Blend.** Carefully made of the above

7 colors for best color effect.

Each of above: Pkg. 20c; large pkg. 45c; 1/4 oz. 75c.

**Collection:** One package each of the above 7 colors for \$1.15.

## Imperial Larkspurs

Attractive spikes of double flowers from 3 to 4 feet tall on plants that branch out from the base, making many flowering stems to each plant.

**Blue Bell.** Clear light blue, double flowers.

**Blue Spire.** Intense deep Oxford-blue.

**Carmin King Improved.** Rich deep carmine and salmon flowers on long spikes.

**Exquisite Pink Improved.** A beautiful, soft pink flower.

**Lilac King.** Double flowers of rich lilac.

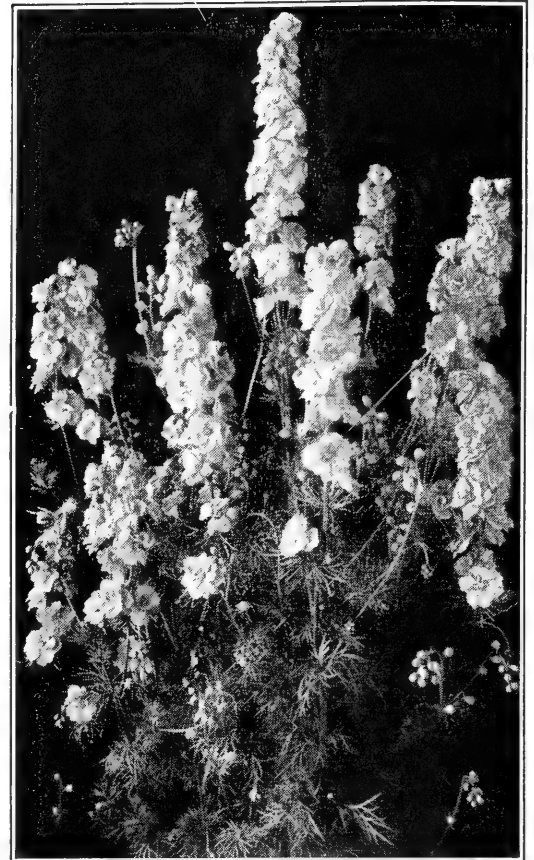
**White King.** A new giant pure glistening white spike of large fully double flowers.

**Blend of Colors.** Made from separately grown improved varieties properly blended for the best in color effect.

Each of the above: Pkg. 15c; 1/8 oz. 35c; oz. \$1.75.

**Collection:** One package each of the above 6 kinds for 75c.

**Stock-Flowered Larkspur Mixed Colors.** For those gardeners who wish to still have this older, shorter growing Larkspur in their garden we are offering this mixture of colors. Pkg. 10c; 1/8 oz. 30c; 1/4 oz. 45c; oz. \$1.40



Giant Imperial Larkspurs  
Splendid for Garden Display and for Cutting

## Helianthus - Sunflower

These annual Sunflowers are charming when grouped in mixed flower borders, and are used extensively as cut flowers as they come into bloom early in the summer and keep on flowering until cut down by hard frost. Sow in a sunny spot early in the spring.

**Sungold.** Large, double, brilliant yellow flowers on 4-foot stems that burst into bloom the same day and make a most colorful show. Seed sown in May makes plants that bloom early in August. Pkg. 15c; 1/4 oz. 35c

**Mammoth Russian.** Grows immense, single yellow heads often 18 to 20 inches in diameter and produces quantities of seed that is enjoyed by many of our native birds, as well as chickens. Pkg. 10c; oz. 15c; lb. 65c

## Kochia

(Summer Cypress; Burning Bush)

This beautiful annual bush has rapidly come into prominence. It grows 2 to 2 1/2 feet high, and resembles a close-clipped ornamental evergreen. The globe-shaped or pyramidal plants are close and compact, and of a pleasing light green color. It may be grown singly or in the form of a hedge. In early autumn it becomes carmine, or blood-red. We offer the variety

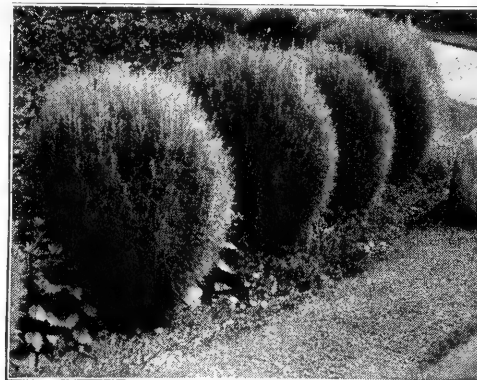
**Childs.** Pkg. 10c; 1/4 oz. 25c; oz. 65c

## Lathyrus Latifolius

(Perennial Sweet Pea)

Showy, free-flowering, hardy perennial climber for covering stumps, fences, etc. They bear continuously from June until September, if kept picked, large clusters of Sweet-Pea-like flowers that are splendid for cutting. Grow well in almost any soil or location. Sow the seed in the garden in April or May and the sturdy vines will bear quantities of white, pink and red flowers the next summer and for many years to come.

**Blend of Colors.** Pkg. 15c; large pkg. 35c



Kochia or Burning Bush

## Linum - Flax

**Grandiflorum rubrum** (Scarlet Flax). Brilliant single scarlet flowers about an inch in diameter. The 18-inch plant is in bloom during the entire summer, for while the individual flowers last but one day, new blossoms appear every morning. Pkg. 15c; large pkg. 35c

**FLAVUM.** Golden yellow flowers from June to September. Dwarf plant, seldom more than 12 inches high. Excellent for borders because of the hardness and long season of bloom. Pkg. 20c; large pkg. 45c

**PERENNE.** Light blue flowers in great profusion from May until August. Easily grown from seed in an ordinary soil and an open, sunny location. 2 feet tall. Pkg. 15c, large pkg. 30c

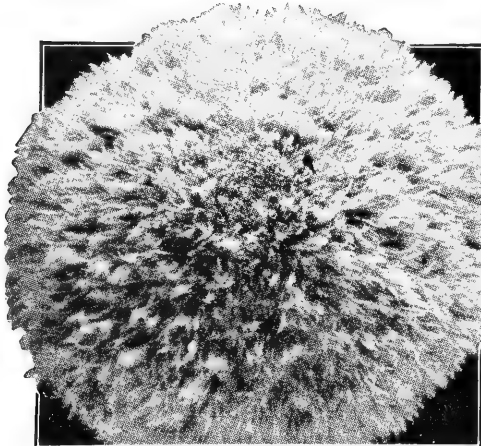
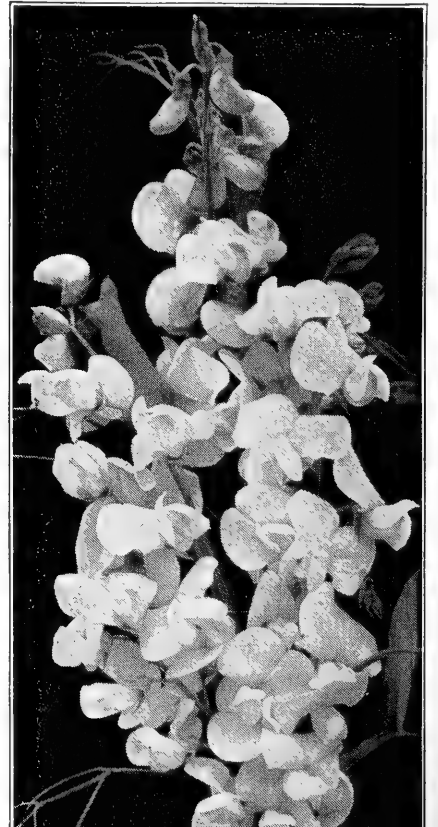
## LOBELIA

For Vivid Blues

These bloom very quickly from seed and flower all through the season. For beds, edgings, baskets, and pots there is nothing prettier. Sow outdoors in the early spring, where the plants are to grow, and thin moderately to several inches apart.

**Crystal Palace.** Excellent for carpet bedding, seldom over 4 inches high. Deep blue flowers, small but effective in masses, dark foliage. The most popular variety. Pkg. 20c; large pkg. 45c

Hardy Sweet Peas Bloom from  
June Until September



Sungold Helianthus is a Splendid  
Background Annual



# LUPIN

Free flowering annuals that are very easily grown in the garden. The strong, 4-foot plants with their many branches and dark glossy green foliage bear long, graceful spikes of pea-shaped flowers in blue, white, sky-blue and rose during July and August.

**New Annual King Lupin.** A greatly improved giant flowering strain, each plant having 4 to 6 spikes carrying many more flowers of dark blue, heliotrope, sky-blue and white than the regular type. Very free blooming.

**Blend of Colors.**

Pkg. 15c; large pkg. 30c

**Pixie Delight.** A new dwarf annual Lupin that makes strong, sturdy many branched plants bearing profusely gay little spikes of flowers in pleasing shades of pink, rose, blue, lavender and white, as well as bicolor combinations. An early and free blooming plant for borders, beds and pot plants.

Pkg. 25c; large pkg. 60c

## Russell's English Lupin

One of the finest perennials introduced in a decade. The lifetime work of an English gardener. Giant spikes 2 feet in length on 4- to 5-foot stems, brilliant self and bicolors, rose, orange, deep yellow, purple, blue, heliotrope. A handsome hardy perennial plant that well deserves a place in every garden.

Pkg. (about 40 seeds) 25c; large pkg. 60c



Russell's Famous Hardy English Lupin

## Regal Lily - Lilium Regale

Gorgeous, trumpet-like, white, yellow and lilac flowers that are in bloom in June and July. Sweet-scented. Grow 3 to 5 feet tall.

Pkg. 25c; large pkg. 40c

## Mignonette - Reseda

A well known old-fashioned flower prized for its distinctive fragrance. Sow the seed out in the garden where you want the plants to remain, as it does not transplant successfully. Thin to stand about a foot apart.

**Allen's Defiance.** This gorgeous Mignonette is deliciously sweet scented, a quality no other large flowering variety has. The individual florets are of immense size, forming a graceful, compact spike 12 to 15 inches long. A fine keeper, retaining its grace and fragrance until every bud opens.

Pkg. 15c; 1/4 oz. 35c

## Matthiola - Evening Scented Stock

Lilac flowers that give off a delightful perfume in the morning and evening, and after a shower. In bloom from July to September. 15 inches high.

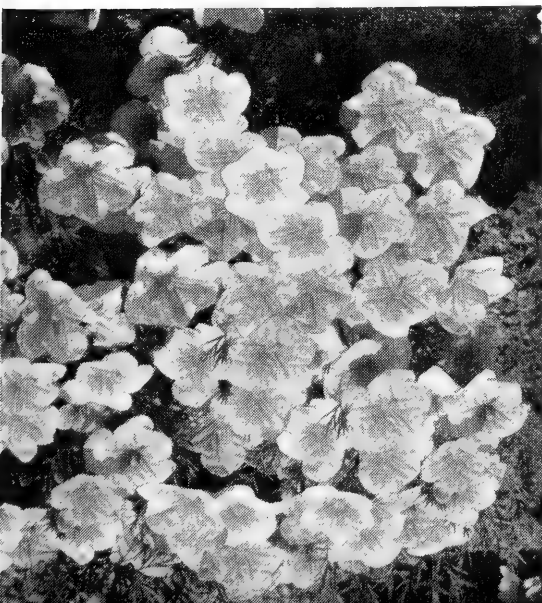
Pkg. 15c; 1/4 oz. 35c; oz. 95c

## Nierembergia

**Purple Robe.** Bronze Medal, All-America Selection, 1942. A charming annual blooming 15 weeks after seed is sown. Grows about 8 inches high and produces an abundance of showy, small, cup-shaped blooms of clear deep violet-purple shades. This plant is neat, compact, extremely free flowering, with a spread of some 10 to 12 inches. Makes a grand border and edging subject.

Pkg. 25c; large pkg. 75c

Purple Robe Nierembergia



# MORNING GLORIES

Here is a group of the latest Morning Glories—flowers are of magnificent size, yet still dainty and graceful.

**Scarlett O'Hara.** Entirely different from any other Morning Glory. The large carnelian-red flowers, about 3 1/2 in. across, appear on the vine early in the season, about 65 days after seed is sown, and remain until frost. Blossoms stay open all day long. The vine makes an abundance of clean, rich dark green foliage. The foliage is "halberd" shaped rather than the heart shaped leaves of most Morning Glories. Pkg. 15c (will make a 15-ft. row); 1/4 oz. 50c (for a 60-ft. row).

**Blue Star.** All-America Winner. A new color in Giant Morning Glories, a distinct shade of clear sky-blue accentuated by the fine deeper blue midribs to form an attractive shade. The flowers are of great size, being larger and earlier than the ever-popular Heavenly Blue, they average from 4 to 4 1/4 inches in diameter and are borne in great profusion. One of the most notable characteristics of this Morning Glory is the fact that the flowers remain open well into the afternoon on cloudy days.

Pkg. 15c (will make a 15-ft. row); 1/4 oz. 60c.

**Darling.** The same rich wine-red color as Scarlett O'Hara but with a distinct snowy white throat that provides enough contrast to make the flowers "stand out" immediately. When in full bloom Darling is a very showy sight, appearing much brighter than Scarlett O'Hara. Has the same good early blooming habit and luxuriant growth of vine and foliage.

Pkg. 15c; 1/4 oz. 60c

**Giant Flowering Mixed.** Spotted, marbled and striped, snow-white to black-purple. Beyond question, the largest and brightest flowering of the class. Of the easiest culture, and can be sown in the open ground in a sunny position when the weather has become warm and settled. They soon cover a large area. The flowers are of gigantic size, and their colorings beautiful beyond description. The self or solid colors range from snow-white to black-purple, with all the possible intermediate shades. There are also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc.

Pkg. 15c; 1/4 oz. 35c

## Flag Mixture of Morning Glories

Red, white and blue—a patriotic combination of giant flowering Morning Glories. Give them a prominent place in your garden this season.

Pkg. 15c; large pkg. (enough seed to make vines to cover a 30-foot fence or trellis) 35c.

**Moonflower.** Night blooming. Giant white. Covered with large white flowers every evening and cloudy day from July until frost. Quick growing; climbs 15 ft. and more high, with luxuriant foliage which provides splendid shade.

Pkg. 15c; 1/4 oz. 95c

**Heavenly Blue, Hart & Vick's Early-Flowering Strain.** This beautiful blue Morning Glory has attracted much attention and has been greatly admired by many people. The vines make a growth of 15 feet or more, are covered with splendid light green foliage, and show, from July until frost, masses of pure sky-blue flowers delicately shading to white in the center. Pkg. 15c (will make a 15-ft. row); 1/4 oz. 35c; (for a 60-ft. row); oz. 95c

**Pearly Gates.** This annual climbing vine won the Silver Medal of the All-America Selections in 1942. The vine grows rapidly to a height of 15 ft. or more and bears fair quantities of lustrous white trumpet shaped flowers with creamy shadings in the throat. The flowers are large, about 4 1/2 inches in diameter and in bloom from July to frost.

Pkg. 15c (will make a 10-ft. row); 1/4 oz. 60c

If you have a heavy, sticky, hard, lumpy soil in your garden that is hard to cultivate, you can correct it permanently by simply working Kriliun into it. We tell how easily Kriliun does it on page 22 of this book.

## Myosotis Forget-Me-Not

A splendid half-hardy perennial, which should be treated as an annual, making very lovely beds and borders and delightful spots of color in the rock garden. Sow the seed in the spring for summer bloom and in the fall, protecting during the winter, for early spring flowers. The Alpestris varieties should be treated as annuals and prefer to grow in the sun. Palustris does far better in moist, shady places.

**Sutton's Royal Blue (Alpestris).** Compact plants 8 inches tall covered in the spring with rich, deep blue flowers. Pkg. 20c; lg. pkg. 45c

**Alpestris Rose.** Plants similar to above but with rose-pink flowers. Pkg. 20c; lg. pkg. 45c

**Alpestris White.** Strong growing plants 12 inches tall bearing clusters of pure white flowers.

Pkg. 25c; lg. pkg. 55c

**Palustris Semperflorens.** Dwarf plants, 8 inches tall, covered with large, rich blue flowers with a yellow eye from early spring until fall. Splendid for borders in moist, shady places along walks, drives, or around pools. Hardy here in the North but should be renewed often.

Pkg. 25c; large pkg. 55c



Mammoth Mum is a most satisfying Marigold

# MARIGOLDS

The African Marigolds are old favorite, free-flowering annuals of easy culture. They have uniformly large yellow or orange flowers, and are adapted for large beds or mixed borders. They succeed best in light soil, with full exposure to the sun. Splendid for cutting, as they keep in fine condition for a long time indoors.

## Chrysanthemum Flowered

**Goldsmith.** All-America Bronze Medal, 1941. Giant incurved golden orange flowers up to 3 inches in diameter and almost a perfect ball in shape. Early and very free blooming plants, grow 20 inches tall, and make many branches, each carrying a flower. A very lovely Marigold that deserves your attention.

Pkg. 25c; large pkg. 55c

**Happiness.** Giant Chrysanthemum-like flowers 3 1/2 in. across are a warm golden yellow. Plants robust and grow 16 in. tall.

Pkg. 25c; large pkg. 55c

**Mammoth Mum.** Very popular light yellow Chrysanthemum-flowered type. Giant flowers on long, strong stems on plants that grow 2 1/2 to 3 feet tall. Very satisfactory in the garden and for cutting.

Pkg. 25c; lg. pkg. 55c

**Yellowstone.** 1942 winner. A true companion for the famous Mission Giant, Goldsmith, the Bronze Medal Winner of 1941. Yellowstone is a lovely clear golden yellow, incurved petals and very attractive.

Pkg. 25c; large pkg. 55c

## Carnation Flowered

**Frills.** Large 3 1/2 inch, very double golden orange flowers with petals beautifully frilled and waved. The foliage is odorless. Grows 2 ft. high.

Pkg. 25c; large pkg. 55c

**Guinea Gold.** Carnation-like flowers of rich orange flushed with gold, double and semi-double, with no singles. Plants bloom profusely until well into November. 2 1/2 feet tall.

Pkg. 15c; 1/8 oz. 45c

**Yellow Supreme.** (1935 Gold Medal Winner.) Lemon-yellow or rich primrose, Carnation-flowered type, fully double and with a distinct and sweet fragrance. Flowers freely until late frost kills the plants. Height 2 feet.

Pkg. 15c; 1/8 oz. 45c

**Odorless Mixture.** A pleasing blend of autumn colors made from the large flowered odorless types of Carnation and Chrysanthemum Marigolds. An ideal color mixture for the gardener or housewife who objects to the odor of the regular strains.

Pkg. 15c; large pkg. 45c

**All-Double Mixed Colors.** An exceptional mixture made from the two separately grown colors, assuring the proper color balance and best possible quality.

Pkg. 15c; 1/8 oz. 45c; 1/4 oz. 75c

**Sweet Scented Sunset Giants.** Largest flowering of all Marigolds. Loose-leaf formed, full centered blossoms measuring 5 inches or more across. They come in a fine variety of colors, ranging from primrose through deep gold to golden orange. Plants about 3 1/2 feet high.

Pkg. 15c; 1/8 oz. 45c

## Scotch Marigold

**Gnome** (*Tagetes signata pumila*). A compact, bushy dwarf plant covered with golden yellow flowers; foliage fernlike, a beautiful green. Splendid for beds and borders. Height 8 inches. Early summer to frost.

Pkg. 15c; large pkg. 35c

## Miniature Marigold Butterball

## FRENCH MARIGOLDS

**Eldorado.** Live, pleasing canary-yellow flower, tinted slightly deeper toward the center. Grand for borders and edging. The early profusion of clear, full double blooms on uniform plants maintain their form throughout a long blooming season. Flowers are 1 1/2 inches across, closely set on well-rounded plants about 10 inches in height.

Pkg. 15c; large pkg. 35c

**Harmony.** (Early Flowering Hybrid.) In our trials this foot high plant was literally covered with dark maroon flowers with orange crests from early summer until frost.

Pkg. 15c; large pkg. 35c

**Melody.** All-America Medal Winner. We believe this to be the best bright orange flowered, foot high Marigold. It is very satisfactory.

Pkg. 15c; large pkg. 35c

**Monarch Blend.** Double flowers of yellow, orange, cream, brown, and old gold in a splendid mixture. A superior mixture.

Pkg. 15c; large pkg. 35c

## Two Single Flowering Marigolds

**Naughty Marietta.** Large, 2 1/2-inch, golden yellow blotched maroon flowers borne freely on compact plants 1 foot tall. Splendid in the garden and as a cut flower.

Pkg. 15c; large pkg. 35c

## Sweet-Scented Sunset Giants



## Miniature Marigolds

**Butterball.** All-America Bronze Medal Winner, 1942. An exquisite little jewel bearing dozens of flowers of a lovely soft butter-yellow shade. Very dwarf in habit, the plants are 6 to 8 inches in height and literally covered with 2-inch double blossoms throughout the summer.

Pkg. 15c; large pkg. 45c

**Spry.** Silver Medal, All-America, 1941. Plants bushy and thrifty growing, about 9 inches high, bearing very early in the season, double, light orange-crested flowers with maroon outer petals.

Pkg. 15c; large pkg. 45c

**Sunkist.** All-America Medal Winner. The 6-inch, bushy, rounded plants are covered all season with 1 1/2 in. double deep orange flowers.

Pkg. 15c; large pkg. 35c

**Yellow Pigmy.** Dwarf, compact, 8-inch plants covered with tiny double, lemon-yellow flowers. Splendid plant for borders.

Pkg. 15c; large pkg. 45c

**Gem Mixture.** A blend of size of the dwarf miniature kinds that will please any gardener.

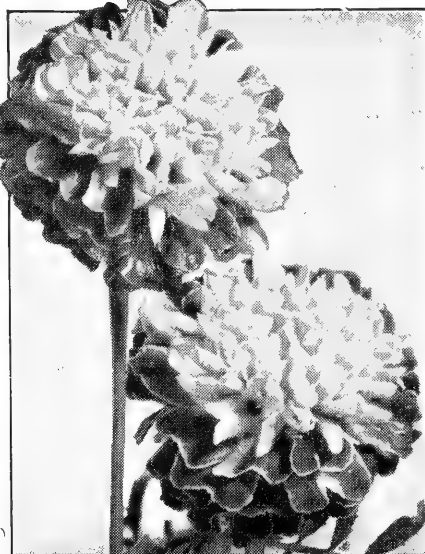
Pkg. 15c; 1/8 oz. 25c; large pkg. 35c

**Flash, Silver Medal Winner, 1945.** The name Flash is descriptive of the bright combination of colors, especially good in the fall when cooler weather comes. These colors range from vivid red through bronze with some yellow flowers. Blooms are 1 1/2 inches and more across and are borne profusely on bushy, 18-inch plants from early August until frost.

Seed, 15c per pkg; large pkg. 35c.

## Harmony is Early Flowering

[16]





# Hart & Vick's NASTURTIUMS

## Dwarf Double Fragrant Kinds

Giant double, very sweet-scented flowers are freely produced on long stems that make them not only a splendid garden flower but invaluable as a cut flower for house decoration. The plants are very thrifty growing, even in hot weather; compact, rounded and covered with flowers for a very long season.

**Golden Globe.** Blooms are pure golden yellow, exceedingly large, double and semi-double. Received Award of Merit in 1936 All-America Selections.

**Mahogany Globe.** Large double flowers of dark mahogany-red.

**Orange Globe.** Clear orange flowers, double and sweet scented.

**Scarlet Globe.** Double fiery scarlet flowers. Double flowering and sweet scented.

**Collection:** One package each of the above kinds for 45c.

**Mixture.** A careful blending of the four colors of the dwarf globe type of fragrant Nasturtiums.

Any of the above: Pkg. 15c; oz. 45c; 1/4 lb. \$1.45.

**Glorious Gleam Hybrids.** Blooms sweetly scented, with colors varying from cream-yellow to deep golden yellow, orange, cerise, salmon, crimson and others with spots and markings. The plant is semi-dwarf in type, often throwing out runners. Award of Merit, 1935 All-America Selections. Mixed colors. Pkg. 10c; oz. 35c; 1/4 lb. \$1.15

## Single-Flowering Nasturtium

### Hart & Vick's Tall Nasturtium Mixture.

This is a special mixture of giant-flowering kinds in the brightest colors—fiery crimson, scarlet, bright yellow, maroon, carmine-rose, salmon and cream.

Pkg. 10c; oz. 35c; 1/4 lb. \$1.00

**Hart & Vick's Special Dwarf Mixture.** We offer these low-growing Nasturtiums in a special mixture of brilliant colors which we believe cannot be surpassed.

Large pkg. 10c; oz. 35c; 1/4 lb. \$1.00

## Nemophila

### Baby Blue Eyes

**Insignis.** An easily grown, very satisfactory early flowering annual bearing bright blue flowers on sturdy plants 6 to 8 inches high. Splendid in the rock garden, rock wall and for edging.

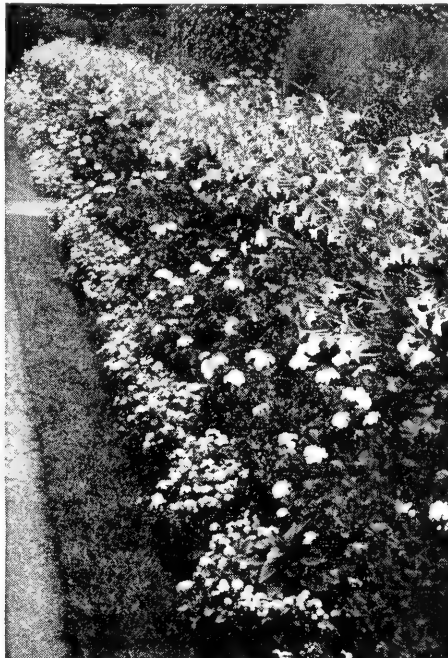
Pkg. 15c; lg. pkg. 30c

## Rock Garden Mixture of Annual Flowers

A mixture of seed of many kinds of low-growing, long-blooming, annual flowers to scatter broadcast in your rock garden. They will bloom from early summer until late fall. Work plenty of peat moss in and around the plants. The results will please you.

### Rock Garden Annual Mixture.

Pkg. 20c; 1/4 oz. 45c; 1/2 oz. 75c



Nicotiana Affinis Makes a Splendid Background for Salmon-Pink Geraniums and Blue Bedder Ageratum



Golden Globe Nasturtium  
Dwarf, Semi-Double and Sweet Scented

## Nicotiana

### (Sweet-Scented Tobacco)

Blooms all summer long under conditions of heat and drought that many other annual flowers cannot stand.

Star-shaped tubular flowers that are particularly fragrant during the late afternoon and evening after sunset. The plants grow 2 to 3 feet high and are easily raised from seed.

**Affinis.** An annual, with sweet-scented pure white, star-shaped flowers 3 inches across, borne continually. Height 2 to 3 feet.

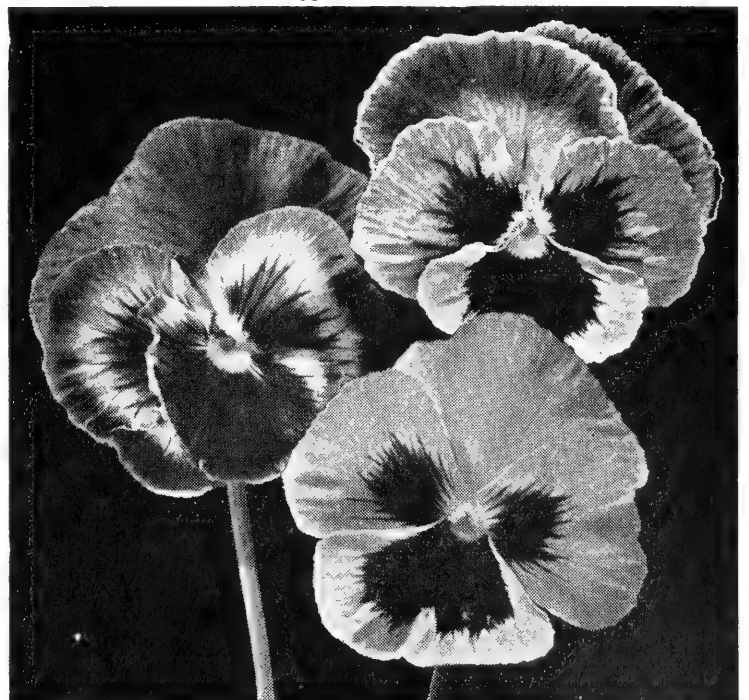
Pkg. 10c; large pkg. 40c

**Crimson Bedder.** Carmine-crimson, a most striking color and one which becomes more pronounced when contrasted with the white variety, N. affinis. The plants are about 20 inches high. They succeed in the garden or in pots for indoor blooming.

Pkg. 15c; large pkg. 45c

**Daylight Sensation Mixture.** A new and most unusual Affinis Nicotiana whose blooms remain open during the daytime. The 3-foot plants are very free flowering, bearing large flowers in bright scarlet, crimson, rose, mahogany, violet, yellow, coral, lilac and white. A much better range of color than the older Affinis Hybrid Mixture. Pkg. 25c; lg. pkg. 75c

## Roggli Giant Pansies



# Giant Pansies

There are three seasons when you can successfully sow Pansy seed. Start it in the house in February or March and it will make plants that, when transplanted to the garden, will bloom from July till frost. Sow seed outdoors in April and May, and the plants will bloom in the fall. Sow seed in cold frames during July and August, and transplant later to the garden; they will bloom the following spring. The largest and finest flowers are grown on a rich, well-drained soil, in a sunny position in your garden.

## Four Splendid Color Mixtures

**Butterfly Hybrids.** Pastel shades of pink, orchid, lavender, yellow, buff, red, salmon, rose, old gold and rich orange, all overlaid with bronze. Ruffled 2 1/2-3-inch flowers on vigorous plants. Pkg. 75c

**Roggli Special Mixture.** Giant size, brilliantly colored flowers held erect on long, sturdy stems. The rich colors and great substance of the petals make this a magnificent Pansy mixture.

Pkg. 35c; large pkg. \$1.00

**Trimardeau Mixture.** This is a very popular Pansy for beds and borders, for where it lacks size of flower it does have a wide range of color. Some of the blooms are self colors such as pure white, pure yellow, lavender, etc., others are prettily blotched. The plants are very robust and compact in growth and unusually free blooming.

Pkg. 15c; large pkg. 50c

**H. & V. Giant Exhibition.** Needless to say, this mixture, made up, as it is, of the many colors and shades of Mastodon varieties, has no superior among Pansy mixtures. It will make wonderful borders and beds in the garden. The finest strains of named varieties are put together to make the most beautiful combinations of color. Long stems, fine for cutting.

Pkg. 35c; large pkg. 75c

It's easy to grow Pansies in your garden. Just work up the soil well, taking out or breaking up all lumps, rake in some good organic fertilizer. Sow the seed in the early spring, covering with about 1/8 inch of fine soil. Keep moist. You will be greatly pleased with the results.

# PETUNIAS *They Bloom All Summer*



Celestial Rose is a Lovely Petunia for Beds and Borders

## Color Blend of Bedding Petunias

This special mixture of uniformly low growing, very free flowering varieties is the result of many trials and years of experience. It's a blend of six bright and distinct colors, and makes an exceptionally attractive planting in beds and borders. We are sure you will approve of it. Pkg. 15c; large pkg. 45c; 1/16 oz. 65c

## Pan-American Hybrid Petunias

In every trial ground that we have seen, where many different strains of Petunias are growing so their qualities can be compared, these Pan-American Petunias are always away out in front. These three varieties we offer are F<sub>1</sub> hybrids. Dwarf, vigorous, compact plants and giant fringed flowers.

**Comanche. Bronze Medal Winner 1953.** Rich scarlet-red plain petaled flowers 2½-3 in across and vigorous, compact plants 15 in. tall. A long lasting cut flower and splendid for beds and borders in the garden. Pkg. 50c

**Tango.** Large, waved and fringed flowers 3½-4 in. across of deep scarlet-salmon. Strong, vigorous, very free blooming plant. 15 in. tall. Pkg. 50c

**Ballerina. Honorable Mention All-America 1952.** Soft glowing salmon-colored flowers 3½ to 4 inches across, waved and ruffled, on strong growing compact plants. Pkg. 50c

## Double Petunias

Our strains of double-flowering Petunias are unsurpassed. Our trials have proved this to our complete satisfaction. Double Petunias require careful culture—remember that the smaller, crumpled seedlings produce the finest flowers. A wonderful assortment of beautiful colors, ranging from pure white to deepest violet. Plants sturdy, compact, about 14 inches tall, and bear quantities of bloom.

**Glorious Mixture.**

125 seeds 90c

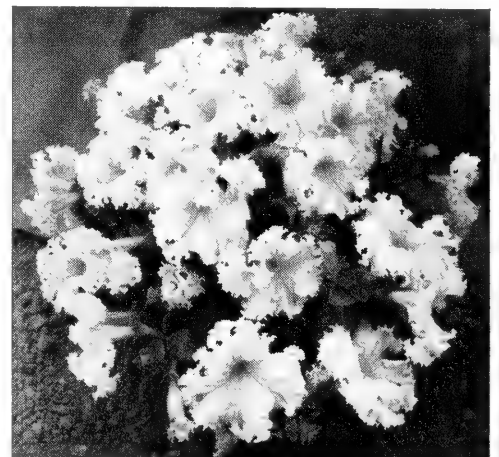


Dwarf Paramount Giant Petunias

## Balcony Petunias, Mixed Colors

A very large flowering type used for window and porch boxes, hanging baskets, also make splendid large beds and tall wide borders.

A splendid blend of varieties giving a complete range of color. Pkg. 25c; large pkg. 50c



Fringed Snowstorm Petunias are Very Lovely

**Blue Bedder.** The color of Jersey Gem Viola. A lovely color in a good sized flower, borne profusely on plants 18 inches high. We believe this by far the best of the mid-blue Petunias. Pkg. 25c

**Blue Heaven.** A particularly good strain of this most popular Petunia, the flower running very true to color. Very few shades among them. Pkg. 25c

**Celestial Rose Improved.** The brilliant rose-pink flowers are of large size, with wide open trumpets and indistinct cream throats. Plants are thrifty, compact and about 15 inches high. This Special Strain of Celestial Rose is a most prolific bloomer. Quantities of flowers from early summer until frost. Pkg. 25c

**Elk's Pride Dwarf.** Very large deep violet-purple flowers. Admirably suited for bedding and for window boxes. The very best low growing purple Petunia. Pkg. 25c; large pkg. \$1.00

**Flaming Velvet.** Large dark velvety scarlet flowers that attract admiration everywhere. Plant healthy, 20 inches tall; blooms abundantly. Pkg. 25c

We call your special attention to our strain of Elk's Pride Dwarf Petunia. Many gardeners declare it's the best violet Petunia they have ever seen.

**Glamour. Honorable Mention, All-America Selections.** Outstanding salmon-rose coloring, delicately veined brown, with cream and bright apple-green throat. Blossoms are 4 to 5 inches in diameter and heavily ruffled. Strong, thrifty plants with a wealth of foliage, grow about 18 inches tall and bloom continually from early summer until frost. Pkg. 25c; large pkg. \$1.00

**Snowstorm Improved.** This giant wavy petalled pure white flower easily holds its place at the head of the list of large white Petunias. Not only is Snowstorm most beautiful in the garden when used in combination with other flowers, or in solid beds by itself, but is also a lovely flower to cut for bowls and vases for the house. The sturdy 18-inch plants bear giant flowers in profusion all summer long. Pkg. 25c; large pkg. \$1.00

**Fringed Snowstorm.** The plant is very similar to that of Improved Snowstorm but a little more compact growing and carries more flowers. The flowers are a little smaller in size, have heavily ruffled and frilled petals, and are a glistening pure white. Pkg. 25c; lg. pkg. 75c

**Dwarf Paramount Giants.** Largest of all Petunias. A splendid new low growing, giant, ruffled flowered Petunia that comes in many beautiful colors, with wide open mouth, and wonderfully veined and feathered throats. Of free flowering habit and dwarf growth. Pkg. 35c; large pkg. \$1.00

**Ruffled Giant Mixture.** This is as fine a strain as can be had anywhere, coming in a wonderful variety of colors, ranging from pure white veined with lavender, crimson, rose, and gold to the almost black, velvety crimson-maroon flowers with its threads of white, yellow, lilac, and rose. Every color and combination of tints and colors is represented. Pkg. 35c; large pkg. \$1.15

**Theodosia.** Deep golden throated, large ruffled, single rose-pink. Grows about 18 inches tall, bears abundance of flowers and is a variety for everyone's garden. Pkg. 25c, large pkg. \$1.00



"Glorious Mixture" of Double Petunias

# Hart & Vick's ANNUAL PHLOX

This is one of the most brilliant and at the same time one of the easiest and most satisfactory plants readily grown from seed. It will grow and thrive in any kind of soil if given a sunny location, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so, if faded flowers are removed, until frost.

## Giant Flowering Phlox (Phlox Drummondii Gigantea)

Much larger individual flower and flower trusses than any other annual Phlox. Blooms for a much longer period and does not drop the flower petals so readily when cut. The plants are very thrifty, growing 15 inches tall and make excellent beds and borders. The bright spot in any garden.

**Mellow Moon.** A soft subdued shade of pastel yellow.

**Red Glory.** Brilliant red with large cream eye.

**Rosy Morn.** Deep rose-pink with white eye.

**Salmon Glory.** Rich salmon with a cream eye.

Each of above: Pkg. 25c; large pkg. 50c  
1/8 oz. 90c;

## Dwarf Annual Phlox

Low growing, 6 inch, compact plants covered with large flowers in brilliant colors from white through pinks, blues, violets to the deepest reds, all season long.

**Blend of Brilliant Colors.**

Pkg 20c; 1/8 oz., 75c; 1/4 oz., \$1.35

## Tall Large Flowering Phlox (Phlox Drummondii Grandiflora)

Plants 15 inches high with many branches each terminating in a large cluster of many round-petaled flowers.

**Blend of Colors.** Made from many separately grown varieties, assuring you a wide range of brilliant color.

Pkg. 15c; 1/8 oz., 55c; 1/4 oz., \$1.00

## New Globe Phlox

All-America Award Winner 1952

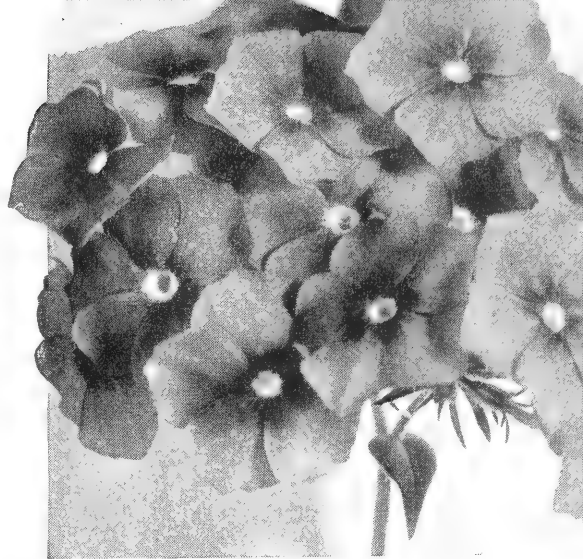
A new type of plant in dwarf annual Phlox for low edging, bedding and ground covers. The compact, globe-shaped plants are only 5 to 6 inches tall and are literally covered with flowers in purple, white, rose, pink and other Phlox colors.

Pkg. 25c

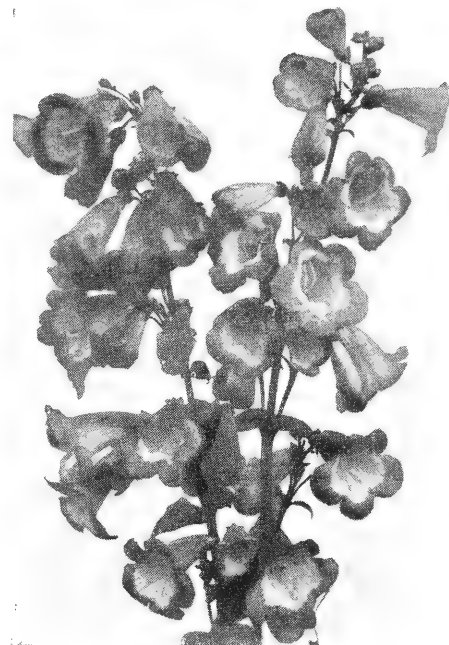
## Starred and Fringed

Brilliantly colored flowers with fringed and pointed petals, many artistically starred. 1 ft. high. Splendid color mixture.

Pkg. 20c; 1/8 oz. 55c; 1/4 oz. 90c

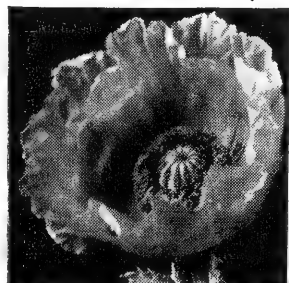


Giant Flowering Annual Phlox, Red Glory



Sensation Pentstemon

# Hardy Perennial Poppies



Scarlet Oriental Poppy

**ORIENTAL.** Nothing excels these giant perennials for gorgeous display in the garden during May and June. Their large flowers and freedom of bloom make them conspicuous whether planted singly or in masses. Sow the seed early in April. The plants disappear during July and August, appearing again when the weather is cool.

**SCARLET.** Gorgeous orange-scarlet with a large purple-black blotch at the base of each petal. Pkg. 25c; large pkg. 65c

**BRILLIANT.** Vivid, fiery red flowers of tremendous size. Pkg. 25c; large pkg. 65c

**PRINCESS VICTORIA LOUISE.** Orange-salmon flowers with deeply crinkled petals. Pkg. 25c; large pkg. 65c

**HYBRIDS, MIXED.** A good mixture of many of the Oriental Poppies. Pkg. 25c; large pkg. 65c

## Annual Poppies

**American Legion.** Giant orange-scarlet flowers, held erect on long, strong stems.

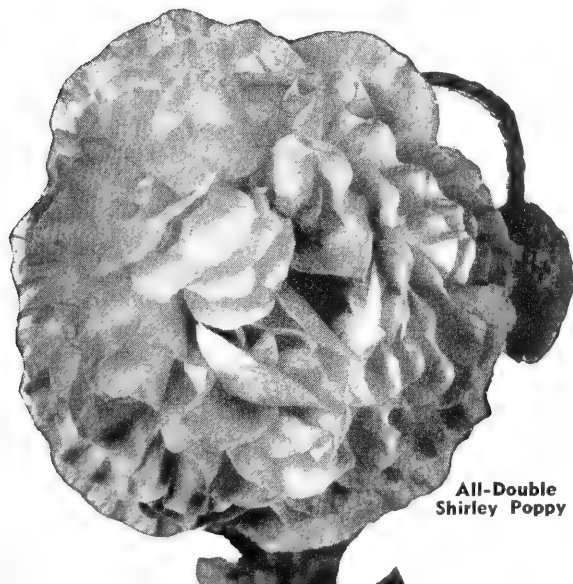
Pkg. 10c; 1/4 oz. 25c; 1/2 oz. 40c

**All-Double Shirley.** Many silky petals, the inner rows fluted and frilled. The same range of brilliant colors as the Single Shirleys.

Pkg. 10c; 1/4 oz. 25c; 1/2 oz. 40c

**Shirley, Mixed.** Color from the purest white to the deepest crimson and blood-red, through all the intermediate shades of pale pink, rose, and carmine. Many are daintily edged and striped, and so varied are their colors that rarely are any 2 flowers alike.

Pkg. 10c; 1/4 oz. 25c; oz. 75c



All-Double Shirley Poppy

## ICELAND POPPY

(Papaver Nudicaule)

A hardy variety. Charming in the rock garden and border where they show their brilliant flowers in the early summer. Will flower the first year if the seed is sown early. Grow 18 inches tall.

**KELMSCOTT STRAIN OF ICELAND POPPIES MIXED.** The flowers of our new Kelmscott strain are larger than we have ever seen on any variety of Iceland Poppy, often measuring as much as 3 inches across. The color range leaves nothing to be desired.

Pkg. 20c; large pkg. 55c

Tuberous Begonias are pictured in color opposite page 49.

## Portulaca - Sun Plant

Does Particularly Well in Hot, Dry Places

This charming little hardy annual is unrivaled for brilliancy. Nothing is prettier for beds, edging, and rockwork, and it is frequently used to sow broadcast over sunny banks, etc. As an undergrowth for taller plants it is also valuable. The seed does not germinate until hot weather, and should be sown late. Flowers richly colored, and produced all summer. Average height 6 inches.

**Double Flowering Mixed Colors.** Fiery double, roselike flowers in many brilliant colors.

Pkg. 20c; 1/16 oz. 50c; 1/4 oz. \$1.50

**Single Flowering Mixed Colors.** Single flowers in many bright colors.

Pkg. 15c; 1/8 oz. 60c; 1/4 oz. 95c

## PENTSTEMON

(Bearded Tongue)

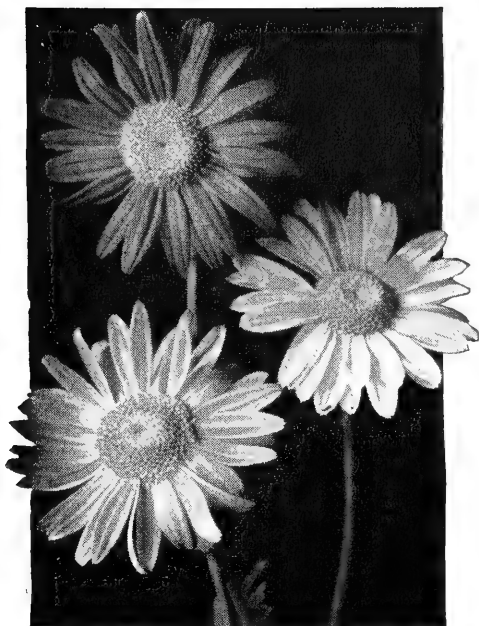
**SENSATION MIXTURE.** Large, graceful spikes of Gloxinia-like flowers often 2 inches across, in the most unusual and brilliant colors, many edged, blotched and veined with a contrasting color. The plant grows about 2 feet tall and is in bloom from July until frost. Sow the seed indoors in February or March and move outside when weather is warm. Hardy and will bloom the first year.

Pkg. 25c

Portulaca Make a Splendid Plant for Low Borders







Brilliantly colored Daisy-like flowers of Single Pyrethrum are splendid for cutting

## SALVIA

(Scarlet Sage)

The brilliant flowers of this popular annual on long, stately spikes standing well above the foliage, are borne until frost and give this plant a prominent place in every garden. Extensively planted in flower beds and as a border plant. For early bloom start seed in boxes or under glass in February and March, and transplant when all danger of frost is past. For August flowers sow the seed outdoors in the garden and thin plants to stand 6 inches apart.

**America or Globe of Fire.** Grows 16 inches high and blooms early, freely and continuously. Very uniform in form and height, it is particularly valuable for bedding and for borders.

Pkg. 25c; large pkg. 90c

**Bonfire or Clara Bedman.** Grows 24 inches. Dense, dark green foliage on erect, sturdy, globe-shaped plants. The flowers are large and of unusually bright scarlet-red. An old favorite Salvia.

Pkg. 25c; large pkg. 75c

**St. John's Fire.** Low growing, compact, upright plants, 10 inches tall, covered from early August until frost with brilliant scarlet flowers.

Pkg. 25c; large pkg. \$1.15

**BLUE BEDDER.** Extra large, deep blue flowers on stems about 2 feet high. Very fine for garden use and for decorative purposes indoors. While it is considered an annual, it will live through the winter if protected.

Pkg. 25c; large pkg. 55c

If the soil in your garden has a tendency to crust over, making it hard for the small seedling plants to break through, treat it with Krillium, the soil conditioner, page 22.



A most attractive corner in your garden is where your Shasta Daisies are blooming

## Polyanthus - Primrose

**Unwin's Giant Hybrids.** Clusters of very large flowers in brilliant orange, yellow, cream, white, pink, rose, crimson, purple, blue, etc. Splendid for beds and borders. Prefers a moist, shady spot. Blooms in April and May.

Pkg. 35; large pkg. 75

## Pyrethrum

(Painted Daisies)

This beautiful perennial is so easy to grow, so perfectly hardy, and so satisfactory in every way that it deserves a liberal amount of space in every garden. Nothing can surpass Pyrethrum in profusion of flowers in June and in the fall. The blossoms are not injured by rain or sun, and their long, stiff stems and unusual keeping qualities make them ideal as cut flowers. Height 18 inches.

**Giant Double Flowers, Mixed Colors.** This is a "Florist's Strain" of seed we import from Holland. In it you will find double, semi-double, and a few single flowers. The colors are clear, coming in white, rose, pink, crimson, red, etc. Makes a specially good cut flower.

Pkg. 25c; large pkg. 75c

**Single Flowering Mixed Colors.** Large single, Daisy-like flowers with long, narrow petals and borne very freely throughout the spring on wiry stems 2 feet tall. Mixed colors.

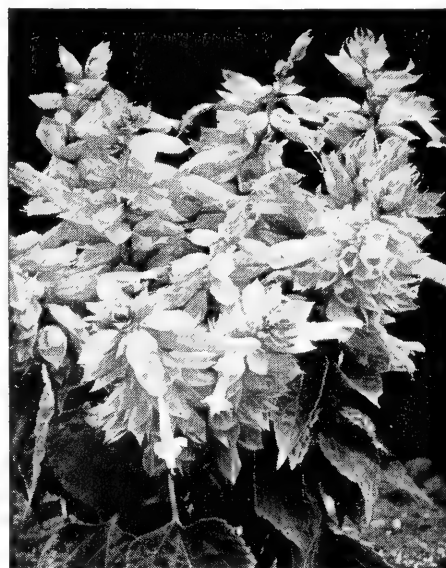
Pkg. 20c; large pkg. 65c

## Ricinus - Castor-Oil Plant

Annual plants desirable for screens or the center of beds because of their large growth and tropical appearance.

**Zanzibarensis.** Leaves often 2 1/2 feet across, marked with brown and purple spots.

Pkg. 10c; 1/2 oz. 25c

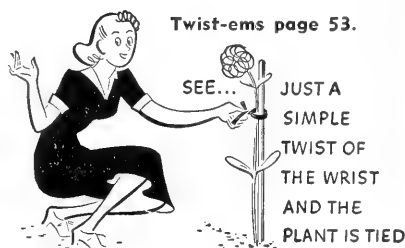


Globe of Fire Salvia—blooms from early summer until frost

## SURPRISE GARDEN FLOWER SEED

Here we offer a mixture of many easy growing annual flowers that can be sown broadcast, and with practically no care at all will produce a bright effect. Especially adapted for sowing in fence corners or along the fence, for borders, or any place that can have but little care and needs brightening up. Scattered broadcast along a pathway or drive, the flowers give color to dull places.

Large pkg. 15c; oz. 50c;  
1/4 lb. \$1.75; lb. \$6.50



Ricinus or Castor-Oil Bean

## Schizanthus

(Butterfly Flower)

This dainty and very pretty annual flower is very quick to bloom, the seed making plants that in a few weeks are so covered with delicate and charming blossoms, all blotched and marked in contrasting shades and colors, as to completely hide the foliage. Sow in the early spring for garden plants.

**New Giant Hybrids.** Unusually large flowers in a fine mixture of colors. Plants are very free blooming. Height 2 to 2 1/2 feet.

Pkg. 25c; large pkg. 50c

## Shasta Daisy

**Conqueror.** One of our most popular perennials that grows well and blooms abundantly in almost any situation. This greatly improved type has giant, pure white flowers 4 to 5 inches in diameter on stems 2 to 2 1/2 feet long.

Pkg. 15c; large pkg. 35c

## Salpiglossis - Velvet Flower

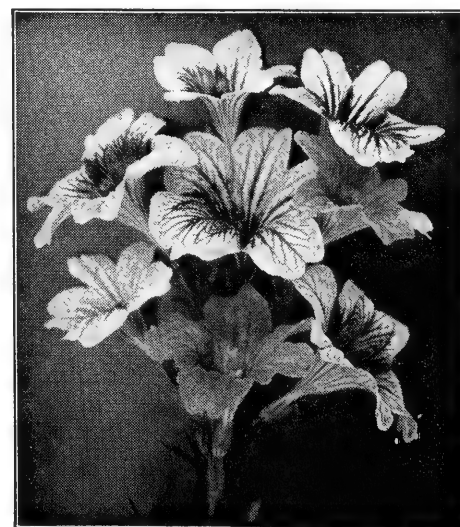
**Hart & Vick's Finest Mixture.** If you do not know this beautiful trumpet-shaped annual, you should grow it this year. The petals are velvety in texture and richly marked with crimson, primrose, yellow, blue, purple, white, overlaid and striped with gold and silver. They are showy and beautiful beyond words. The plant grows readily in sandy soil and partial shade, blooms early and all summer. It deserves a place in every garden. Height 2 1/2 ft. Blooms July till frost.

Pkg. 15c; 1/8 oz. 30c; 1/4 oz. 45c

## Scarlet Runner Bean

An easily grown annual vine, a great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible Beans which succeed the sprays of bright scarlet, pea-shaped blossoms.

Pkg. 20c; 1/2 lb. 45c; lb. 80c



Trumpet-like, velvety petaled flowers of Salpiglossis in bright colors veined silver and gold

# Hart & Vick's SCABIOSA

This annual deserves a space in your garden. It is very easily and quickly grown, blooms very freely during the summer and fall, and is one of the finest of all cut flowers for the house. Average height 1½ feet. Sometimes called Pincushion Flower because the stamens in many colors are very prominent and resemble somewhat pins in a pincushion. This strain we offer is much better than ordinary Scabiosa. Through years of careful selection the size and color of the flower and the length of stem have been improved.

## Annual Scabiosa

**Black Knight.** Outstanding very large deep reddish black.

**Fire King.** Fiery scarlet very double flowers on long stems.

**Loveliness.** Lovely shades and tints of salmon-rose.

**Oxford Blue.** The largest and best Scabiosa of deep Campanula-blue.

**Shasta Improved.** Enormous flower of pure glistening white.

**Blend of Above Kinds.** A very bright mixture especially made from the five distinct and outstanding giant varieties.

Any of the above: Pkg. 15c; ¼ oz. 65c

**Collection:** One package each of the above five separate colors for 60c.

## SCOTCH MARIGOLD

(*Tagetes signata pumila*)

**Gnome.** A compact, bushy, dwarf plant covered with golden yellow flowers; foliage fernlike, a beautiful green. Splendid for beds and borders. Height 8 inches. Blooms from early summer to frost.

Pkg. 15c; large pkg. 35c



Low Growing Scotch Marigold

## STATICE

(Sea Lavender)

**Sinuata.** The annual Statice is a very charming flower in the garden and when cut and dried for winter bouquets it retains its true color. Height 18 inches.

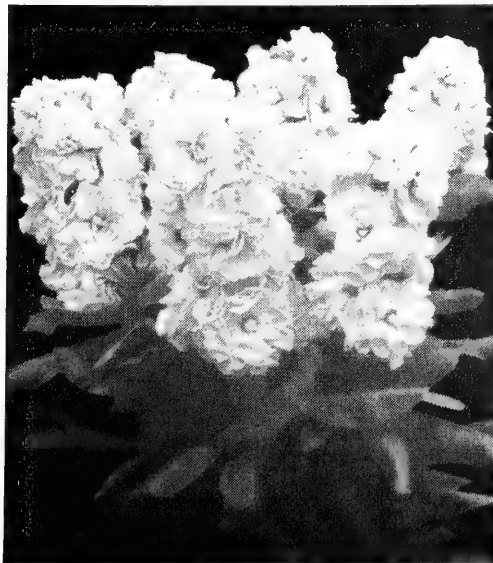
**Mixed Colors.** A good mixture of the popular colors.

Pkg. 15c; large pkg. 30c

**LATIFOLIA.** A splendid, hardy perennial Statice growing 2 feet high and bearing, all summer long, panicles of minute lavender flowers which can be dried and used for winter bouquets.

Pkg. 15c; large pkg. 45c

Ten-Week Stocks



## Hardy Scabiosa

**CAUCASICA, GIANT HYBRIDS, ISAAC HOUSE STRAIN.** Giant flowers whose petals are crinkled and ruffled and whose color range is from white to the darkest blue, with delicate lilac and mauve predominating. A magnificent new strain of hardy Scabiosa whose giant flowers on very long, strong stems, make it ideal both for garden decoration and for cutting. Grows 30 inches high and blooms all summer long.

Pkg. 25c; large pkg. 50c



Statice Sinuata for Winter Bouquets

## SWEET WILLIAM

A well known, attractive, free-flowering hardy plant, bearing in the early summer flowers of rich and varied colors that make a splendid show in beds and borders. Height 1 to 1½ feet. May to June.

Divide Sweet William plants every year and they will continue to live, thrive and bloom.

**PINK BEAUTY.** Strikingly beautiful salmon-pink flowers on massive heads 18 inches high. For mass planting it is very effective.

**SCARLET BEAUTY.** A very effective rich, deep scarlet variety.

**WHITE GIANT.** A new pure white with flowers almost twice the size of the ordinary variety.

**DOUBLE, MIXED.** Double flowers in a splendid mixture of colors.

Any of the above kinds:

Pkg. 15c; ¼ oz. 55c

**GIANT SINGLE FLOWERING COLORS.** Large single flowers, many of solid colors, others showing a clear white eye.

Pkg. 10c; ¼ oz. 55c

## Midget Sweet William

**Carmin-Red Midget.** Stocky, rounded plants 4 inches tall, covered with double carmin-red flowers. Splendid in solid beds or bordering walks and drives.

Pkg. 25c; large pkg. 75c

**Midget Color Blend.** Double flowers in a color range, from white, chamois, salmon, scarlet, red and maroon, with many flowers tri-colored.

Pkg. 25c; large pkg. 65c



Oxford Blue—One of the New Giant Scabiosas

## STOCKS - Gilliflower

The best way to grow these plants successfully, is to start the seed indoors early, in boxes or pots, and transplant to the garden when danger of frost is past. If you can't do this, sow the seed outdoors in the garden early, in a rich, rather light loam soil, mixed with peat moss and well-rotted manure. Stocks require cool growing weather to blossom well.

## Ten-Week Stocks

This is the favorite class for outdoor growing. The dwarf, compact plants, 12-15 inches tall, come into bloom earlier than other types.

**Blood-Red  
Bright Pink  
Deep Cream  
Rich Rose**

**Lavender  
Pansy-Violet  
Yellow  
White**

Any of above kinds: Pkg. 20c; ¼ oz. 45c

**Collection:** One package each of the above—8 pkgs. for \$1.35.

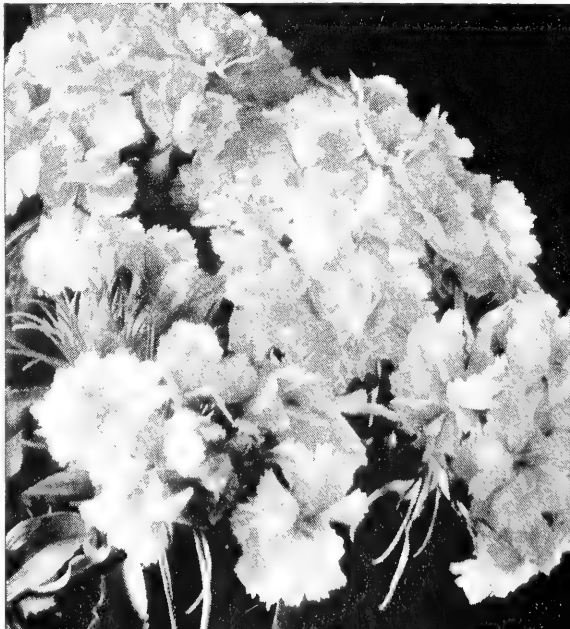
**Mixed.** Many colors. Pkg. 20c; ¼ oz. 45c

## Early Giant Imperial Stocks

Plants about 30 inches high, branching in habit and bearing long spikes of double flowers. Desirable for both the garden and the greenhouse.

**Mixed Colors.** Pkg. 15c; large pkg. 65c

Sweet William Makes a Splendid Display





Fragrant  
Spring Flowering  
Sweet Peas

## HELPS THAT MAKE SWEET PEA GROWING EASY

Dust Your Sweet Peas, Garden  
Peas, Beans, and Lupins with



Dust these seeds with Nitragin. It adds  
nitrogen nodules to the root systems and  
makes very much stronger growing and  
heavier bearing plants. One package will  
treat one pound of seed. Pkg. 15c

## 'TWIST-EMS'



Tie up your Sweet Pea  
vines quickly, neatly, per-  
manently. Strong dark-green  
"invisible" tapes with wire  
reinforcing. Postpaid to you.  
Box of 200 (4-inch size) 30c  
Box of 100 (8-inch size) 30c



Ideal support for SWEET  
PEAS, GARDEN PEAS,  
POLE BEANS, CUCUM-  
BERS, TOMATOES. Hung in  
5 minutes. Doesn't rot like  
string, nor burn tendrils like  
wire. 3 sizes —  
60-inch x 72-inch, 65¢  
60-inch x 96-inch, 85¢  
60-inch x 180-inch, \$1.25

# SWEET PEAS

## NEW CUTHBERTSON STRAIN of Spring Flowering Sweet Peas

Will Bloom All Through the Hot Weather of Summer

The chief characteristics of this wonderful new class of Sweet Peas are great vigor,  
profusion of large, fragrant blossoms, extra long stems, clear beautiful colors and  
ability to produce giant flowers out-of-doors, even in hot climates and during hot  
weather here in the North.

**Carol.** Clear pink on white ground.  
**Coline.** Vivid, intense scarlet.  
**Danny.** Brilliant deep marine-blue.  
**Evelyn.** Soft salmon-pink.  
**Frank G.** Fine, soft, rosy lavender.  
**Hazel.** Clear light blue.

**Janet.** Frilled flowers pure white.  
**Kenneth.** Crimson, very fragrant.  
**Liza.** Rich dark maroon.  
**Lois.** Rose-pink. Silver Medal.  
**Marion.** Cream. Black-seeded.  
**Tommy.** Clear medium blue.

Any of the above kinds: Pkg. 25c; 1/2 oz. 40c; oz. 65c.

**Collection:** One package each of the above 12 kinds for \$1.65.

**Mixed.** A careful blend of these 12 named kinds made right here in our warehouse  
to insure your getting a wide range of color. Pkg. 15c; 1/2 oz. 35c; oz. 55c.

## ORCHID-FLOWERED SWEET PEAS Choice Spencer Summer-flowering Varieties

From the long list of Sweet Peas of this wonderful Orchid-Flowering class, we have  
selected thirteen which in our judgment and experience are the best for the garden.  
New kinds, if they are better than the ones now on our list, will be added as they are  
produced. One package will plant a row about 10 feet long; an ounce about 35 feet.

**Black Diamond.** Rich dark maroon.  
**Daffodil.** Rich deep cream.  
**Flagship.** Amethyst-blue.  
**Gigantic.** Large glistening white.  
**Highlander.** Clear medium lavender.  
**Miss California.** Salmon-cream and  
pink.

**Mollie.** Bright deep rose-cerise.  
**Pinkie.** Deep pink.  
**Pirate Gold.** Rich golden orange.  
**Red Boy.** Long-stemmed rich crimson.  
**Royal Purple.** The best purple.  
**Sunkist.** Cream petals edged rose.

Any of the above kinds. Pkg. 15c; oz. 55c; 1/4 lb. \$1.75.

## Exhibition Mixture Orchid Flowering SWEET PEAS

This mixture contains the best of the named varieties, giving an extremely wide  
range of color. You will find it the loveliest blend of colors imaginable. A single  
package will give you a display about 7 feet long, but for a perfect garden planting,  
you should have not less than an ounce of this mixture which will plant a single row  
about 25 feet long. Pkg. 10c; oz. 45c; 1/4 lb. \$1.45

**BANISH**  
"BRICKYARD"  
**SOILS**  
**SIMPLE**  
**OPERATION**



KL-3A

**Krilium**  
SOIL CONDITIONER  
Special MERLOAM® Formulation



Three ways to apply Krilium:

- To the surface of the prepared seedbed to protect the surface against slaking,  
crustation, run off, wind or sheet erosion.
- Mixed in 3 inches deep to maintain good soil aggregation around shallow  
rooted plantings.
- Mixed in 6 inches deep to maintain soil aggregation around deep rooted  
plantings.

Five pounds of Krilium (Merloam Formulation) will treat up to 400 square feet for  
surface protection, more than 100 square feet 3 inches deep, and more than  
50 square feet 6 inches deep. Exact area of cover-  
age depends on soil type. Full information on how  
to apply Krilium in directions for use on package.  
Additional information available on request.

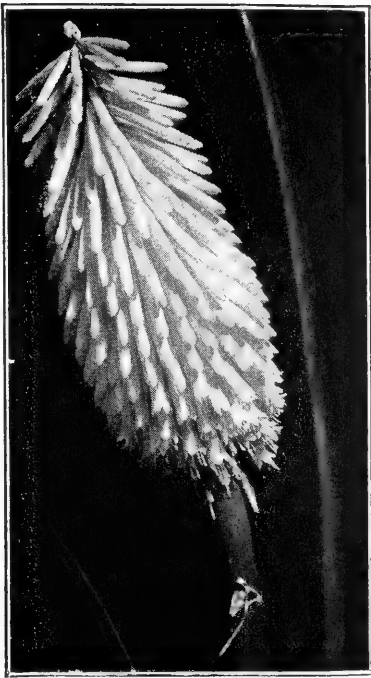
## KRILIUM LOAMAKER

Full strength Krilium for large  
areas, lawns, athletic fields, land-  
scaping. Goes 4 times as far as  
Merloam.

10 lbs. \$34.50; 25 lbs. \$84.50

Prices Krilium (Merloam Formulation):  
1-lb. pkg., \$1.69; 5-lb. pkg. \$6.98





New Hybrid Tritoma

## Tithonia, Torch

**Silver Medal Winner, 1951 All-America Selections.** Orange-red flowers four inches across from August until frost. Unlike the older kinds this new Tithonia grows only waist high—compact enough for any garden. Easy to grow as Zinnia, thrives in hot weather and will do well in just about any soil. Pkg. 20c; large pkg. 75c

## Tritoma - Red Hot Poker

**NEW HYBRIDS.** Tall strong spikes topped by tube-shaped flowers in unusually clear citron, yellow, orange and coral-red from August to October. Splendid in the flower border and for cutting. Grows 3 to 4 ft. high. Mixed colors. Pkg. 20c; large pkg. 45c

## Venidium - African Daisy

**Fastuosum.** A Daisy-like flower from South Africa. The petals are brilliant orange, with a purple-black zone at the base, forming a complete circle around the dark centers. The plants attain a height of 2 to 3 feet, and carry many long flower stems. Sow seed in warm soil, in a sunny place. Pkg. 15c; large pkg. 50c

## Virginian Stock

**Mixed.** A charming, early blooming annual especially adapted for beds and borders where its bright little flowers in red, rose and white make a splendid display all summer.

Pkg. 10c; 1/8 oz. 25c; 1/4 oz. 40c

**Ballerina,** a new hybrid Petunia, is a particularly beautiful flower for your garden. We don't know of any flower that received so much praise, as it did, from people who grew or saw it growing last season. You will thank us for calling your attention to it.



Torch Tithonia

## New Giant Verbenas

During the past ten to twelve years wonderful improvements have been made in Verbenas. These newcomers are far finer in color, in freedom of bloom, and in habit of plant than the old sorts. They bloom prolifically from June until late frosts and are always a bright spot in the garden. Sow the seed indoors, and transplant for early flowers; for later blooms, sow outdoors in May. Height 8 to 12 inches.

**Giant Verbenas in Mixed Colors.** One of the finest mixtures of Verbenas that we have ever seen. It includes a large number of varieties and will give a marvelous display of colors. Especially adapted for large beds. Pkg. 15c; large pkg. 50c

## FIVE NEW BUSH VERBENAS

These new "Bush Type Verbenas will rapidly become the most popular of the Verbena family. The sturdy, compact, upright plants only grow 8 to 10 inches high and the dense flower heads are closely massed across the flat-topped plants.

**Firelight.** Vivid solid red.

**Roselight.** Rose-pink, white eye.

**Salmon Queen.** Unusual pinkish salmon.

**Snow-White.** New pure white.

**Starlight.** Mid-blue, creamy white eye.

**Color Blend.** All colors mixed.

Any of above: Pkg. 25c; large pkg. 60c.

**Collection** of all 5 kinds, one package of each, \$1.00.

## VIOLA - Tufted Pansies

No flower is more well thought of in the perennial garden than the Violas. These dainty little hardy Pansies are easy to grow and can be depended on to be in full bloom from early summer until hard frost. Lovely in beds, edgings and rockeries. If the winters where you live are too severe and the plants will not live through, grow them as an annual flower. They will bloom the first year if you sow the seed early.

New Giant Flowering Verbena



**ARKWRIGHT RUBY.** Large flowered ruby-crimson, shaded terra cotta with a maroon center. Pkg. 25c

**BLUE PERFECTION.** Bright clear light blue flowers. Pkg. 25c

**CHANTREYLAND.** A new variety of great beauty. The color is a bright apricot, and extremely brilliant. The blooms are produced freely from spring until late autumn. Highly recommended. Pkg. 25c

**LUTEA SPLENDENS.** Large clear sulphur-yellow flowers on tall, strong stems, very good. Pkg. 25c

**WHITE PERFECTION.** Pure white flowers with waxlike petals. Pkg. 25c

**MIXED.** A splendid mixture of the best varieties. Pkg. 25c

## Annual Wallflower

**Early Wonder Double Mixed.** We offer a greatly improved double-flowering annual kind that blooms from seed in 90 days. The colors include canary and golden yellow, brown, russet and mahoganies. Height 12 to 18 inches. Very fragrant and particularly adapted to growing in beds and for growing in pots.

Pkg. 25c; large pkg. 75c



Venidium is Called African Daisy



Violas Bloom All Season Long

# Hart & Vick's ZINNIAS

Probably no flower has such an assortment of bright shades, tints and colors, and no bedding plant is more effective for a brilliant show than the Zinnia. It blooms from early summer until hard frost finally cuts it down. This old fashioned bedding plant, whose popularity is being increased every year by the addition of many new and remarkably beautiful varieties and colors, deserves a most prominent place in your garden. Sow the seed early in the spring. Give the plants plenty of room. Feed liberally with liquid sheep or cattle manure.

## The Very Best of the GIANT FLOWERING ZINNIAS

**Strong, robust, branching plants 3 to 4 feet high.**

From the experience gained in our own extensive Zinnia trials and from the experience of many of our customers, we have selected these fourteen large-flowering Zinnias as the best of their particular color. The type of flower is designated by symbols after the variety name. DF is Dahlia-Flowered; CG is California Giant.

**Canary Bird.** DF. A lovely shade of clear primrose-yellow; an outstanding variety.

**Cherry Queen.** CG. Most brilliant cherry-rose. A splendid cut flower.

**Crimson Monarch.** DF. Largest and very best deep crimson. Very popular.

**Dream.** DF. Best deep lavender turning to mallow-purple. Unusual Zinnia color.

**Eldorado.** DF. Best apricot-orange Zinnia; very large flower.

**Exquisite.** DF. Light rose with a deep rose center. Attracts attention wherever grown.

**Golden Dawn.** DF. Best golden yellow Zinnia. Perfectly formed.

**Illumination.** DF. Largest and best Tyrian rose. Splendid for cutting.

**Miss Willmott.** CG. Soft, clear, delicate pink. Plant this with Canary Bird.

**Orange Queen.** CG. Largest golden orange. A clear color.

**Oriole.** DF. Very lovely orange and gold two-toned flower.

**Purity.** CG. By far the best white Zinnia.

**Royal Purple.** DF. All-America Winner.

Very large royal purple.

**Will Rogers.** DF. Rich deep scarlet, very double flowers.

Any of the above: pkg. 15c; 1/8 oz. 35c; 1/4 oz. 60c

**Collection:** One pkg. each of the above 14 varieties, \$1.85.

## Rainbow Blend of Colors

We make this mixture right here in our warehouses by mixing all named kinds in proper color proportions to give you a glorious display in your garden.

Pkg. 15c; 1/8 oz. 35c; 1/4 oz. 60c; oz. \$1.75

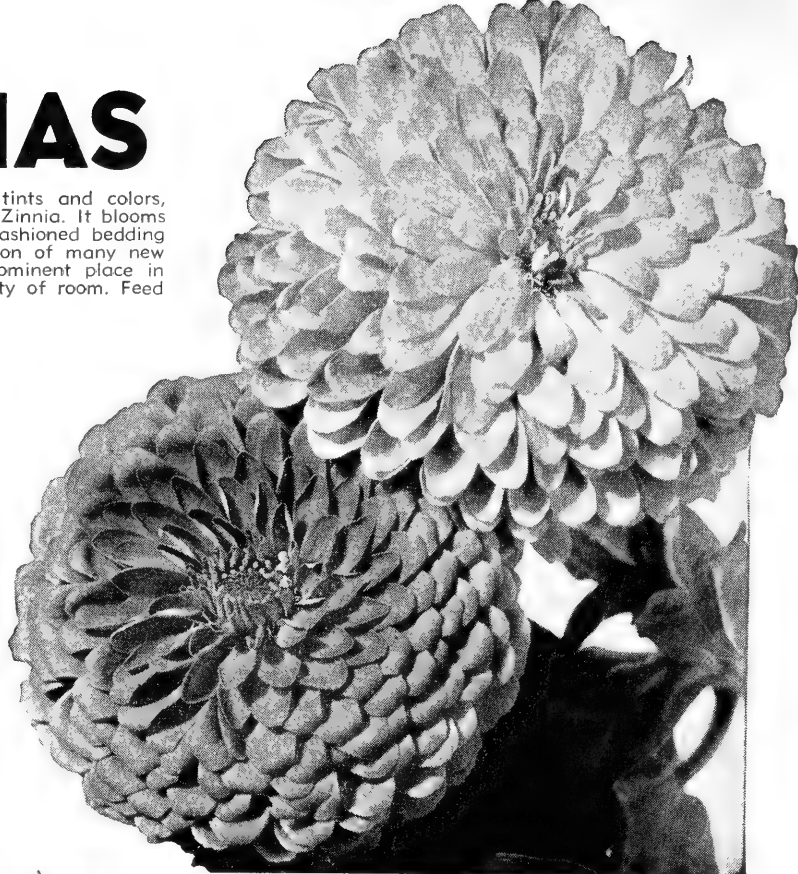
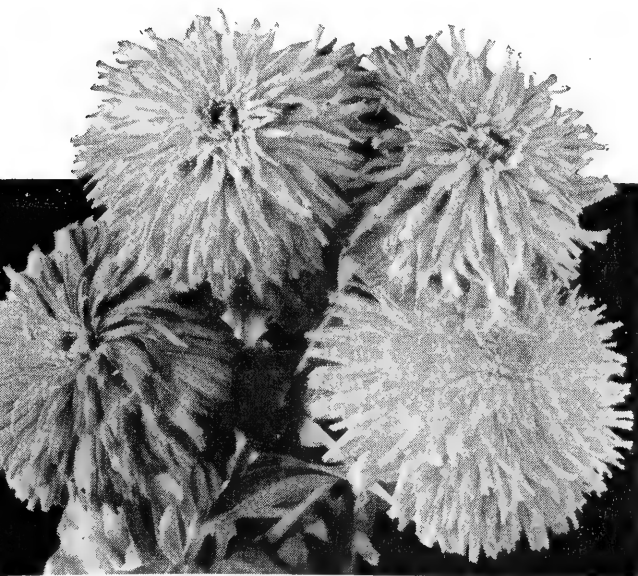
## Floradale Scarlet

Large brilliant, scarlet-red flowers, 5 to 5 1/2 in. across. Made up of many narrow, strap-like, ruffled petals of grace and refinement. A bright spot in any garden and a splendid cut flower for the house. Vigorous plants that grow 2-2 1/2 ft. high.

Pkg. 25c; large pkg. 55c

## Burpee's Hybrids

Large fluffy and ruffled flowers with attractively curled petals like giant Chrysanthemums. The color range is spectacular in its brilliance, containing all of the usual Zinnia colors plus some colors and combinations of colors never before seen in this flower. Plants are 3 feet tall and very strong growing. Pkg. 25c; large pkg. 65c



## Peppermint Stick Zinnia

Pictured in color on inside front cover.

Flowers the size of the Cut-and-Come-Again type with the petals striped in various color combinations such as red and white, red and yellow, purple and white, carmine and white, orange and yellow. Approximately 70% of the flowers show striping. Plants are strong, a little taller growing than the Pumila type.

Pkg. 20c; large pkg. 50c

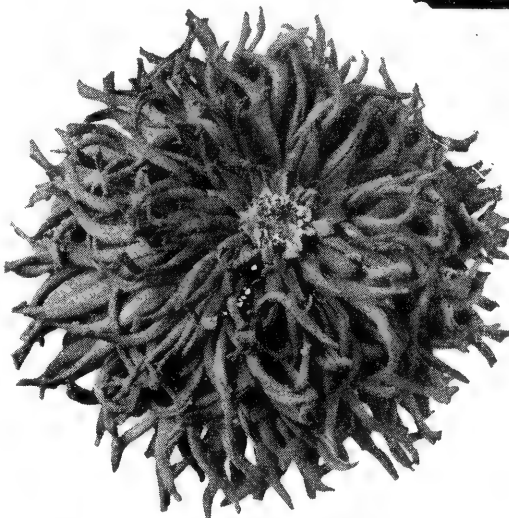
## Persian Carpet Zinnia

All-America Award Winner 1952

Pictured in color on inside front cover.

Like tiny Dahlias, each pointed petal tipped with a boldly contrasting color. These perfect Miniature Zinnias make ideal low growing beds and borders. The dwarf plants begin blooming early; grow into tidy, well-behaved 12-inch mounds of brilliant color, each plant different. Dozens of double flowers in rich shades of yellow, orange, red, maroon, mahogany and salmon tipped with yellow, cream and gold. Easy to grow, thriving in hot weather, it produces a wealth of bloom for a long season.

Pkg. 25c; large pkg. 75c

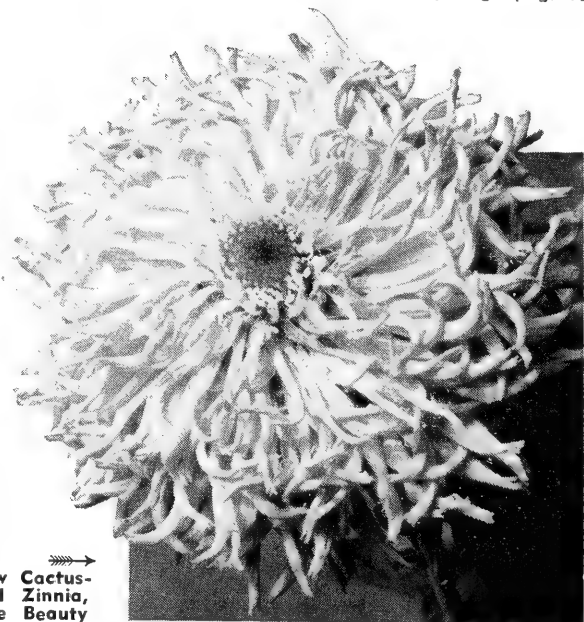


Floradale Scarlet

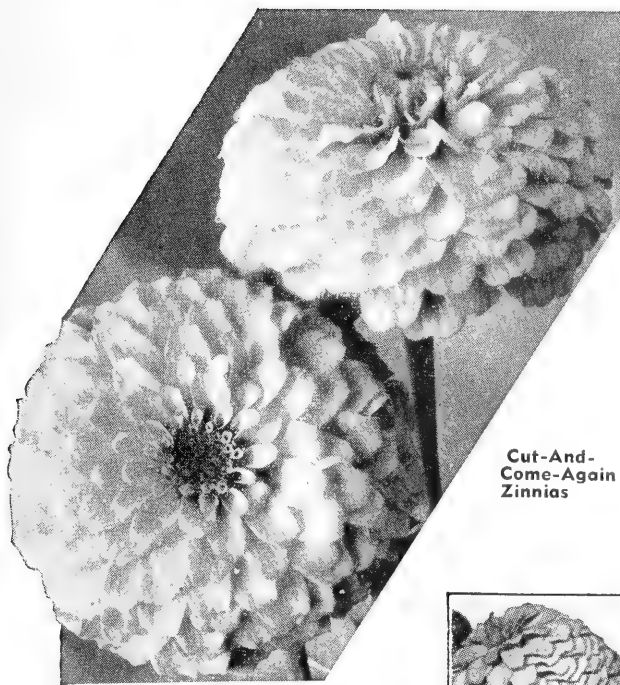
## Riverside Beauty

A cactus flowered Zinnia but with petals more curled and the flower larger in size. Riverside Beauty blooms are often 5 1/2 inches across. Color is most unusual in Zinnias. A glowing salmon-pink unavailable up to now. Plants are 2-2 1/2 ft. high, strong growing with many branches and very free blooming. Pkg. 25c; large pkg. 65c

← We recommend you try Burpee Hybrid Zinnias in your garden this season. Here is a picture of these most attractive flowers.



→ The New Cactus-Flowered Zinnia, Riverside Beauty



**Cut-And-Come-Again Zinnias**

## Cut-and-Come-Again Zinnias Elegans Pumila Dwarf Double

Very double but gracefully formed flowers of medium size, about 2½ inches across. Petals of heavy texture, slightly quilled center. Stems are 15 inches long stiff and strong. Plants thrifty, branching and bear an abundance of bloom from midsummer until frost. This is a most useful Zinnia, both in the garden for display in beds as a background to lower growing plants and for cut flowers for the house. The florist finds it the very best Zinnia for vases and baskets.

**Crimson.** Rich, vivid crimson flowers, many having a center or crown of quilled petals with golden yellow centers.

**Daffodil.** A new canary-yellow flower that is very attractive.

**Pinkie.** A soft rose-pink that is not found in any other type of Zinnia. A splendid florist's flower.

**Scarlet.** Rich brilliant scarlet; vivid intense shade. The brightest spot of color in our garden last summer.

**Snowball.** A good white is needed in every garden and in every bouquet of flowers.

**Sunrise.** Salmon-rose, very beautifully formed flowers on thin, strong, wiry stems. The most popular of all Zinnias with the florist.

**Sunset.** Golden orange flowers that are very popular.

Any of the above: Pkg. 15c; ⅛ oz. 35c; ¼ oz. 55c; oz. \$1.45

**Collection:** One package of each of the above 7 separate colors for 85c, postpaid to you.

**MIXED.** A very choice blend of colors that we make right here in our warehouse, assuring you a real rainbow mixture of colors that will please the most critical gardener. Pkg. 15c; ⅛ oz. 35c; ¼ oz. 55c; oz. \$1.45

### AUTUMN COLORED ZINNIAS

A combination and blending of giant long stemmed flowers in all the colors seen in the oak and maple leaves in the fall. This mixture was made at the request of Rochester Garden Club members. Pkg. 15c; ⅛ oz. 35c; ¼ oz. 55c

### TOM THUMB

Compact plants, 10 inches high, covered with very small, double, button-like flowers. Splendid for low beds and borders.

Pkg. 15c; ⅛ oz. 40c; ¼ oz. 65c

### FANTASY ZINNIAS

Since the introduction of the Fantasy Zinnia, equally valuable new colors and shades have been added to the family. At the present time the mixture includes red, orange, yellow, lavender, flesh-pink, rose and scarlet in various shades. The blooms are attractive, well-rounded, medium size, shaggy double flowers, 3 to 3½ in. across, composed of a mass of twisted, tubular petals which give them the appearance of a miniature Cactus Dahlia. Mixed colors.

Pkg. 15c; ⅛ oz. 40c; ¼ oz. 65c



**Lilliput Zinnias—splendid for borders**

### Lilliput or Pompon Zinnias

These plants form handsome little bushes 18 inches high that are covered with small very double flowers of all colors from mid-summer until late fall. They make very handsome beds and showy borders. This type of Zinnia is getting very popular as a cut flower. We recommend that you give it space in your garden this season.

**Black Ruby.** Velvety maroon.

**Canary Gem.** Bright yellow flowers.

**Lilac Gem.** Clear lilac color.

**Purple Gem.** Rich violet-purple.

**Rosebud.** Bright rose-pink.

**Salmon Gem.** Very popular Pompon.

**Scarlet Gem.** Bright scarlet flowers.

**Valencia.** Attractive burnt orange.

**White Gem.** Dainty, pure white.

Any of the above:  
Pkg. 15c; ⅛ oz. 35c; ¼ oz. 60c; oz. \$1.65

**Collection:** One package each of the above—  
9 varieties for \$1.10.

**Mixed.** A very well-balanced mixture of colors. We make this mixture, blending the colors to make it just about the best mixture of Lilliputs you can buy.

Pkg. 10c; ⅛ oz., 25c; ¼ oz., 50c; oz. \$1.35

### Linearis Zinnias

Linearis is a single-flowering variety. A lovely shade of golden orange, with a delicate lemon stripe through each petal, the center dark golden orange. The bushy plants 15 inches high, carry a wealth of flowers from early summer until late fall.

Pkg. 15c; ⅛ oz. 50c; ¼ oz. 90c



**The Unusual Fantasy Zinnia**

### FROM VICK'S ILLUSTRATED MAGAZINE, JULY, 1878

"I must tell you about a Zinnia I had last summer. A double scarlet with the delightful fragrance of a Tea Rose. Also one with a row of small ones around, all single. I had a double white Datura which grew to a height of ten feet, also a single one with a spread of twenty feet that had as many as fifty blossoms open every evening."

E. L. R.  
Jeffersonville,  
Indiana



**Tom Thumb Zinnias**  
Compact 10-inch high plants covered with bloom



# Information You Have Asked Us For

At the request of many of our gardening friends we are giving these 2 pages over to answering many questions that are asked by mail and over the counters in our stores. We hope these answers will help you have a more successful garden. There are, no doubt, many other questions you would like answered. If you will send them in to us you may be sure of a prompt reply.

## GENERAL HINTS

All low growing plants which flower early, such as Alyssum, should be sheared off when petals start to fall in the hope of second bloom by September.

**Strawflower.** The time to pick any everlasting is when it is half open. Strip off the foliage and tie stalks in bunches, then hang head down in garage to dry.

**Phlox Drummondii.** Keep cutting plants in blossom and pinch back young plants from seed sown in May.

**Pansies.** Pick blossoms every day for continued flowering. Their chances are better if seedlings were transplanted in a partly shaded place.

**Petunias.** Don't hesitate to pick flowers, it will help maintain bloom.

**Window Boxes.** Water every day and keep faded blossoms picked so that plants will keep on flowering. No sense in planting twice during season.

Scatter **Poppy** and **Larkspur** seeds in the area where they are to bloom, on top of the snow. Melting snow carries them into the soil for early germination.

**Hardy Annuals.** The extensive group of hardy annuals may be planted in the garden when the Pear and Peach trees are in flower. Prepare the soil well and sow the seed thinly.

By the time Apple trees are blossoming, it is safe to plant seeds of any and all annuals. Some two weeks later thinning, transplanting and cultivating begins. Watering may be begun too if we get an early drought.

Seedlings sown indoors need sun, warmth and regular watering for continued growth. They must also be transplanted into richer soil as soon as the second pair of leaves appear.

Seedlings must be watched for any signs of damping off. Prick them out as soon they are an inch high, if they show any sign of this disease, and allow room for development.

Before transplanting seedlings from the flat saturate the soil with water to cause the soil to stick to the roots. Never press the soil about the roots with your hands, it breaks the roots badly.

Pinching out the center bud of your annual seedlings after they have reached a height of two or three inches above the third or fourth true leaf develops stockier, stronger plants.

Prune spring flowering shrubs soon after the blossoms fade. Next seasons blossom bearing branches are grown throughout the summer and fall. Shrubs that bloom in late summer and fall may be pruned after hard freeze in the fall or in the spring before the shrubs begin to show life.

Cut off the tops of Chrysanthemum shoots to make compact plants.

Plant diseases are nearly always encouraged by dampness and darkness. Keep out of the garden on damp, cloudy days, when your clothing may brush against plants and help spread disease.

Moss growing in the lawn and garden is more often a lack of fertility and poor drainage than the result of an excessively acid soil.

Maple and other large leaves are fine for compost piles but deadly when matted down by winter rains over the plants.

Never let Phlox plants go to seed if you wish to keep your colors true.

Scattered single plants of any one kind of flower give a spotty effect in the garden. Three plants of a kind in a group should be the minimum even in the smallest grouping.

Flowers for the house should be cut either in the early morning before the sun is hot or in the cool of the late evening. Use a sharp knife and cut the stems on an angle. If the stems are hard or woody slit them up 3 or 4 inches.

## Low-Growing Annuals—6 to 8 inches

Ageratum, dwarf	Phlox, dwarf
Alyssum	Portulaca
Anagallis	Virginia Stock
Lobelia, dwarf	Nemophila
Lupin, New Pixie	Marigolds, miniature
Nemesia	Tagetes
Nierembergia	Verbena, new bush type.

## Medium Annuals—1 to 2 feet

Ageratum, tall	Godetia, dwarf
Aster	Gypsophila (Baby's Breath)
Brachycome (Swan River Daisy)	Hunnemannia (Tulip Poppy)
Calendula	Iberis (Candytuft)
Calliopsis, dwarf	Balsam
Celosia, dwarf	Statice
Clarkia	Stock
Cynoglossum	Four O'Clock
Larkspur	Petunia, medium
Dianthus (Pinks)	Salpiglossis
Dimorphotheca (Cape Marigold)	Salvias
Eschscholtzia (California Poppy)	Schizanthus, dwarf
Gaillardia	Marigold, dwarf
Gilia	Zinnia, dwarf

## FAST GROWING ANNUAL VINES

<b>Balloon Vine.</b> 10 ft. high, white flowers, green seed pods.	<b>Cobaea Scandens.</b> 20-40 ft. Purple flowers.
<b>Hyacinth Bean.</b> 12 ft. Purple to white flowers, purple seed pods.	<b>Cypress Vine.</b> 10-15 ft. Scarlet and white.
<b>Scarlet Runner Bean.</b> 10-20 ft. Scarlet flowers, green edible beans.	<b>Gourds.</b> 10 ft. Various fruit.
<b>Cardinal Climber.</b> 15-30 ft. Crimson flowers.	<b>Moonflower.</b> 10-20 ft. White flowers.
	<b>Morning Glory.</b> 10-15 ft. Various colors.
	<b>Nasturtium.</b> 5-8 ft. Yellow to red flowers.
<b>Tall Annuals—2 to 3½ feet</b>	
Antirrhinum, tall (Snapdragon)	Lupinus (Lupine)
Campanula (Canterbury Bells)	Shirley Poppy
Celosia, tall	Scabiosa
Centaurea	Schizanthus, tall
Godetia, tall	Marigold, tall
Gomphrena (Globe Amaranth)	Zinnia, tall
Helichrysum (Strawflower)	

## Very Tall Annuals—4 to 12 feet

Amaranthus	Hollyhocks (certain vars.)
Cleome (Spider Flower)	Nicotiana (Flowering Tobacco)
Cosmos	Tithonia
Helianthus, tall (Sunflower)	

## Annuals for Hot, Dry Places

Arctotis	Phlox drummondii
Calliopsis	Portulaca
Centaurea (Cornflower)	Salvia
Eschscholtzia (Calif. Poppy)	Statice
Gaillardia	Zinnia
Ipomoeas	

## Annual Flowers for Shade

Balsam	Lupins
Centaurea (Cornflower)	Myosotis (Forget-me-not)
Godetia	Nicotiana
Cynoglossum	Petunia
Lobelia	Virginia Stock

## Annuals for Half Sun and Half Shade

All above list and:	Campanula (Canterbury Bells)
Alyssum	Nasturtium
Calliopsis	Petunia

## Annual Flowers That Bloom in June to July 15

Arctotis (African Daisy)	Shirley Poppy
Alyssum	Petunia, (Single, self-sown)
Clarkia	Phlox drummondii
Eschscholtzia (Calif. Poppy)	Scabiosa
Gaillardia	Marigold, early varieties
Sweet Pea	Nasturtium

## Annuals That Bloom from Late July to Frost

Calendula	Petunia (fringed, ruffled and double)
Celosia	Portulaca
Centaurea	Mignonette
Cosmos	Marigold
Helianthus (Sunflower)	Zinnia
Stocks	

## Annuals That Bloom from August to Frost

Antirrhinum (Snapdragon)	Lobelia
Aster	Nicotiana
Chrysanthemum, annual	Salpiglossis
Cobaea Scandens	Statice
(Cup-and-Saucer Vine)	Marigolds
Cosmos	Tithonia
Hunnemannia	Verbena
Ipomoeas (Morning Glory)	

## Annual Flowers for Cutting

Anchusa	Larkspur
Antirrhinum (Snapdragon)	Nasturtium
Arctotis	Nicotiana
Aster	Marigolds
Calendula	Petunia
Calliopsis	Phlox drummondii
Centaurea (Cornflower)	Scabiosa
Chrysanthemum, annual	Statice
Clarkia	Stocks
Cosmos	Sweet Peas
Cynoglossum	Sweet Sultan
Gaillardia	Verbena
Gypsophila	Zinnia

## Annuals for Fragrance or Odor

Alyssum, Sweet. Delicate.	Pansy. A refreshing fragrance.
Heliotrope. Considered the par excellence of fragrance.	Petunia. Heavy.
Marigold. Intolerable to some, agreeable to others.	Stock. Fresh, unusual fragrance.
Mignonette. Delightful to all.	Sweet Peas. Delicate. Enjoyed by all.
Nasturtium. Admired by some.	Sweet Sultan. Delicate.
Nicotiana. A delight in the evening.	Verbena. Some have fragrance of trailing Arbutus.

Annuals for Poor Soil	
Alyssum	Cornflower
Amaranthus	Four O'clock
Balsam	Godetia
Calendula	Nasturtium
California Poppy	Poppies
Calliopsis	Portulaca
Cleome	

The Following Annuals May Be Sown in the Fall	
Alyssum	Cosmos
Antirrhinum (Snapdragon)	Dianthus
Calendula	Larkspur
California Poppy	Portulaca
Candytuft	Sweet Peas
Centaurea (Cornflower)	

It is wise to place a light mulch over beds of fall-sown plants. Let it be only an inch or so thick for it must not choke out the seedlings.

Annuals for Early Spring Sowing On Surface Between Bulbs	
California Poppies. Yellow, gold, crimson.	Phlox. Drummondii. Various shades, pink, white, lilac, crimson.
Candytuft. White, lilac, crimson.	Shirley Poppies. Pink, rose and variegated.
Clarkia. Pink, white, rose.	Portulaca. Most brilliant red and yellow shades.
Larkspur. Blue, pink, rose, white.	Schizanthus. Various combinations.
Lobelia. Blue.	

Plants to Use After Removing Bulbs	
Asters	Lupins
Begonias. Tuberous-rooted (in partial shade).	Marigolds
Cannas	Snapdragons
Clarkia	Verbenas
Heliotrope	Violas
	Zinnias

These Annual Flowers Make Splendid Hedges	
Balsam	Helichrysum
Four O'clock	Kochia

Low Growing Hardy Plants—Up to 12 inches	
Achillea tomentosa	Heuchera (Coralbells)
Alyssum saxatile	Iberis (Hardy Candytuft)
Arabis alpina (Rockcress)	Phlox subulata
Bellis (English Daisy)	Primula vulgaris
Campanula carpatia	Veronica incana
Dianthus (Pinks)	Viola

Hardy Plants—12 to 24 inches tall	
Anthemis	Oriental Poppy
Aquilegia	Pentstemon
Astilbe	Peony
Chrysanthemum	Phlox
Gaillardia	Platycodon
Christmas Rose	Polemonium
Hemerocallis (Day Lily)	Salvia
Iris	Scabiosa
Lavandula (Lavender)	Statice
Linum (Flax)	Stokesia
Monarda	Trollius

Tall Growing Perennials	
Aconitum (Aconite)	Hibiscus
Artemisia lactiflora	Hollyhocks
Aster, Hardy	Lupinus (Lupines)
Boltonia	Physostegia
Delphinium	Rudbeckia
Helenium autumnale	Thalictrum
Helianthus	

Hardy Plants for Special Uses	
Among Rocks	Hot, Dry Situations
Alyssum saxatile	Achillea
Aquilegia	Anthemis
Campanula carpatia	Aster, Hardy
Cerastium	Coreopsis
Heuchera (Coralbells)	Dianthus plumarius
Iberis	Echinops (Globe Thistle)
Pentstemon	Helianthus
Phlox subulata	Iris, Bearded
Saxifrage	Papaver (Iceland Poppy)
Sedum	Rudbeckia
Veronica repens	Sedum
	Yucca

Perennials for Semi-Shady Places	
Aconitum	Lobelia cardinalis
Anchusa	Mertensia virginica
Anemone japonica	Monarda
Aquilegia	Myosotis
Campanula rotundifolia	Phlox divaricata
Christmas Rose	Physostegia
Digitalis	Platycodon
Doronicum	Primula
Hemerocallis	Pulmonaria (Lungwort)
Hollyhock	Vinca minor
Jacob's Ladder	Viola
Linaria	

The Annual Flowers Do Well In Porch and Window Boxes	
Ageratum	Phlox
Alyssum	Portulaca
Centaurea (Dusty Miller)	Salvia
Lobelia	Tagetes
Nasturtiums	Verbena
Pansy	Zinnia, Mexican
Petunias	

## TIPS ON PLANTING

Sow outdoors many varieties of annuals, reserving space in the sunny window or cold frame for only the choicest or newest. It's so easy to plant annuals right in the ground and with such remarkable results that any illusions about the miracle of seed planting are stripped away completely.

Annuals make few cultural demands. Good seed planted at the right time in well-prepared soil sums it up neatly.

There is no hard and fast rule as to how deep seeds should be planted save that those first tender leaves shouldn't have to push too hard or too far to reach air and sunlight.

The earlier seeds are planted, the shallower, for in April soil is wetter and heavier than in May. Depth of planting is sensibly adjusted to the week of planting, the size of the seed and the dryness of the soil.

A good idea in order to keep your planting from being too thick is to mix the seed with five times its bulk of fine, thoroughly dry sand.

In any case be sure to firm down the soil with your hands or tamp it down with the back of the rake so that the seeds are brought into contact with the warmth and moisture in the earth in order to germinate.

Hard coated seeds such as Sweet Peas and Morning Glories will grow faster if they are soaked overnight in a teacup of water before planting.

Cultivate after every rain or irrigation, when the soil has dried out sufficiently to crumble. This kills weeds that have sprouted and breaks the soil crust. One inch is deep enough to stir the soil.

Annual flowers will keep blooming if the flowers are not allowed to go to seed. Many varieties slow down, but can be revived by cutting back the top growth severely.

Planning Chart and Plan for Vegetable Gardeners				
	Feet of Row for 4 People	Number of Days to Maturity	Inches Between Rows	Seed for 50 Feet of Row
Beans, dwarf	200	50-55	18	1/4 lb.
Beans, Lima	100	60-80	24	1/2 lb.
Beans, pole	50	65-75	36	1/4 lb.
Beans, pole Lima	50	75-85	36	1/4 lb.
Beets	150	45-60	12	1/2 oz.
Broccoli (P)	50	50-60	30	1 pkt.
Brussels Sprouts (P)	25	90-100	30	1 pkt.
Cabbage (P)	40	60-90	24	1 pkt.
Carrots	200	65-80	12	1/4 oz.
Cauliflower (P)	50	55-65	24	1 pkt.
Celery (P)	50	100-140	30	1 pkt.
Corn	400	55-75	36	1 pkt.
Cucumber	25	45-65	48	1 pkt.
Eggplant (P)	25	70-85	30	1 pkt.
Endive	50	70-95	15	1 pkt.
Kohlrabi	50	50-60	12	1/4 oz.
Leek	50	130	18	1/2 oz.
Lettuce	100	40-80	12	1 pkt.
Muskmelons	50	80-90	48	1 pkt.
Okra	25	50-70	30	1/2 oz.
Onions	200	90-110	12	1/4 oz.
Parsley	10	70-90	12	1/4 oz.
Parsnips	50	90-100	18	1/4 oz.
Peas, dwarf	400	60-70	24	1/4 lb.
Peas, tall	200	80-90	36	1/4 lb.
Peppers (P)	25	60-80	24	1 pkt.
Pumpkin	25	100-120	72	1 pkt.
Radish	50	25-40	12	1 oz.
Rutabaga	50	120	60	2 pkts.
Salsify	50	100-125	15	1 oz.
Spinach	150	40-50	12	1 oz.
Spinach, N. Zealand	25	60	36	1/2 oz.
Squash, summer	25	55-65	48	1 pkt.
Squash, winter	50	100-120	60	2 pkts.
Swiss Chard	25	45-55	18	1 oz.
Tomatoes (P)	100	60-100	36	1 pkt.
Turnips	75	40-75	15	1/4 oz.
Watermelons	25	75-120	72	2 pkts.

**Corn** is sweetest when in the milk stage. This can be recognized by the silk turning brown and dry and the cob leaning away from the stalk. When lightly squeezed there is a springy feel to the ear.

**Cucumbers** make the best salads when the seeds are still immature. The fruits are best if they are about 3/4 of the mature length.

**Melons** should be vine ripened for real flavor. This can be told when the stalk starts to separate from the fruit. The blossom end should have a soft, springy feel when pressed.

**Peas** are sweetest just as the seeds reach mature size. This can be learned by pressing the pods lightly. If the seeds feel about the same size as the ones you planted, and the pod is a bright green it is ready for picking.

## VITAMINS IN VEGETABLES

Nutrition experts say that most of us are poorly nourished. As we all know now, even our "Three Good Squares A Day" often do not give us certain minerals and vitamins that we need. These necessary elements may be bought at the drugstore, but they can also be home grown for less cost. Garden fresh vegetables can provide nearly all of them in ample quantity. Following is a table showing just a few of the vegetable sources of vitamins available from your garden:

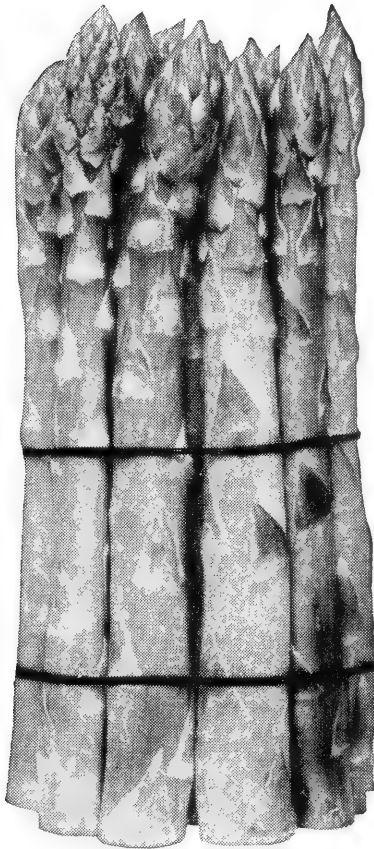
ASPARAGUS	B-1, C, B-2	CAULIFLOWER	C, B-2
BEANS, string	A, C	CORN, sweet	A, B-1, C, B-2
BEANS, Lima	A, B-1, C, B-2	LETTUCE, leaf	A, B-1, C, G
BROCCOLI	A, B-1, C, B-2	SPINACH	A, C, B-2
CABBAGE	C, B-2	SQUASH, Hubbard	A
CARROTS	A	TOMATOES	A, C



# Hart & Vick's Vegetable Seeds

**THIS IS  
IMPORTANT  
PLEASE READ**

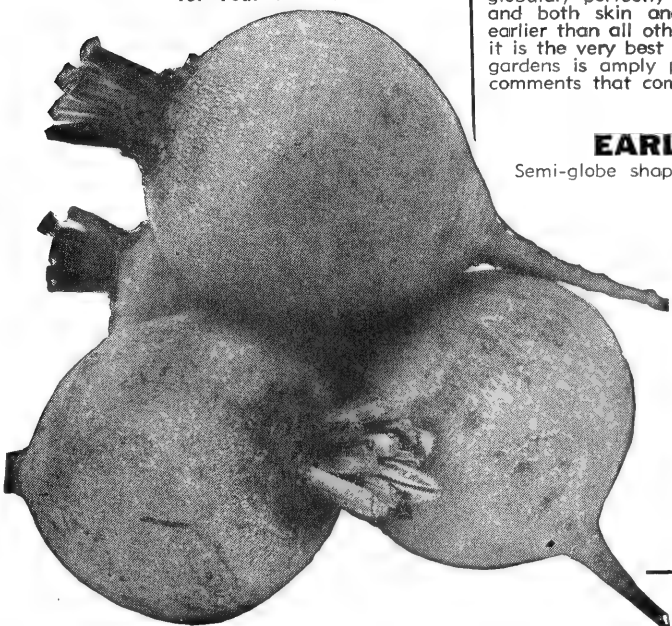
Are Tested for Germination by a Famous Agricultural Experiment Station and the Results of This Test Appear on Every Package of Vegetable Seeds We Send Out. You Get the Same High Quality Seed in These Garden-Size Packages as We Furnish to the Commercial Vegetable Grower and Florist, Whose Living Depends on the Quality of Seed He Sows.



California No. 500 Asparagus

If you run a roadside vegetable stand grow some Green Top Bunching Beets and see how quickly they attract attention and hold customers.

Green Top Bunching  
is a Splendid Beet  
for Your Garden



## ARTICHOKE

**Green Globe.** Large, globular, deep green heads with very fleshy scales. Bear the second year from seed and last for several years.  
Pkg. 20c; 1/4 oz. 50c; oz. \$1.65

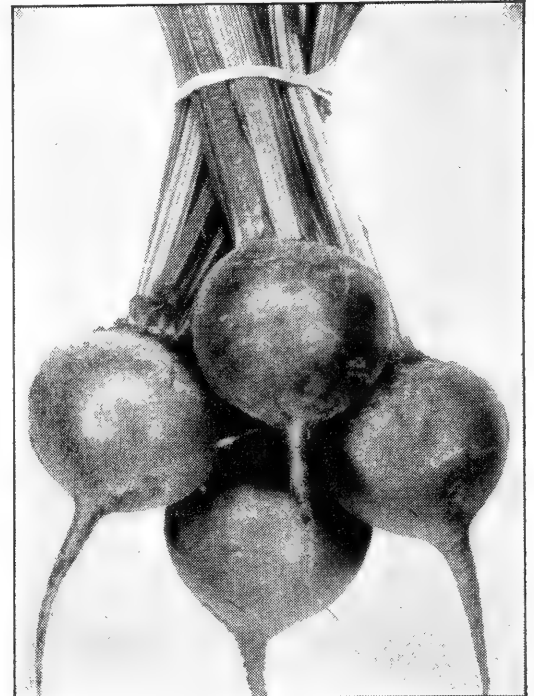
## ASPARAGUS

Every year sees more gardeners growing their own Asparagus roots from seed they sow. Just put the seed in rows a foot apart and cover with 1/2 in. of soil. Dig the plants in the fall and make a permanent bed of the strongest plants. We have for sale J. A. Eliot's booklet, "Asparagus Needs No Trench." It's an entirely new approach on growing more Asparagus in less room in the back-yard garden. 25c a copy.

**No. 500.** A new kind developed by the University of California and now planted almost exclusively by the growers of that great Asparagus-producing State. Has larger stalks than older kinds; is more productive; tips are more closed; produces high quality stalks for a longer season; better for freezing, canning and shipping.  
Pkg. 20c; oz. 60c; 1/4 lb. \$1.75

**Mary Washington.** Most widely used kind for home garden growing. A rust-resistant kind with thick stalks and large buds of deep green tipped with purple. The quality is very good.  
Pkg. 15c; oz. 35c; 1/4 lb. \$1.00

Asparagus roots are described on page 48. Carefully graded freshly dug plants attractively priced. We send planting instructions with every order.



We are particularly proud of this strain of  
Detroit Dark Red Beet

## HART & VICK'S TABLE BEETS

One package of seed planted 2 inches apart, will make a row about 25 feet long; one ounce will make a row 100 feet long. If you like greens, especially "Beet Greens," sow the seed thickly in a broad row 4 to 6 inches wide, and when the tops are 3 to 5 inches tall, thin out and use the tops and roots as greens. This method of sowing takes one ounce of seed for 20 feet of row.

The best results are obtained on a deep, rich, sandy loam. Sow seed 1 inch deep in drills 16 inches apart, as early as possible. If wanted very early, sow in hotbeds and transplant to open ground. Thin to stand 3 to 4 inches apart. Cultivate closely and thoroughly. For succession, sow at intervals until middle of July. Beet seed must have moisture in the soil to make it germinate.

### CROSBY'S EGYPTIAN

This is the best kind to grow when you want to use Beets when very small, say up to 2 inches in diameter.

Our special strain of this popular variety is better in many respects than the old one. It is globular, perfectly smooth, with short tap root, and both skin and flesh dark in color. Much earlier than all other dark-fleshed varieties. That it is the very best early Beet for home or market gardens is amply proved by the many favorable comments that come to us.

Pkg. 15c; oz. 35c; 1/4 lb. 75c

### EARLY WONDER

Semi-globe shaped bulbs with tall strong tops and very small tap roots. Dark red skin and deep red flesh with faintly lighter zone. The quality and flavor of the flesh is excellent, never woody. A popular Beet for canning whole or slicing. The tall tops make splendid "Beet Greens."  
Pkg. 10c;  
oz. 30c; 1/4 lb. 65c

### BEETS FOR GREENS

A rapid growing Beet with large, tender foliage that makes delicious greens.  
Pkg 10c; oz. 25c; 1/4 lb. 60c

### DETROIT DARK RED

For canning either whole, sliced or cubed when the bulbs are over 2 inches in diameter this strain of Detroit is by far the best.

The most popular table and canning Beet grown. As a second-early variety, we recommend it for the home and market garden. Our special strain is more uniform in shape and color than the old Detroit Dark Red. The tops and tap roots are small and the leaves dark green, shaded red. Beets are round, smooth, and very dark red in skin and flesh. In tenderness and sweetness they are unsurpassed.

Pkg. 15c; oz. 35c; 1/4 lb. 75c

### GREEN TOP BUNCHING

This is the roundest, smoothest, glossiest, most attractive of all the garden Beets. You will be delighted with its sleek appearance. The flesh is deep purplish red with lighter zones, fine grained and never "woody." The foliage is bright green and does not bronze up when cooler weather comes. A good kind to can when about 1 1/2 inches in diameter. Pkg. 15c; oz. 35c; 1/4 oz. 75c

### LONG SEASON or WINTER KEEPER

Develops into long, tapering roots which keep their unusually high quality and flavor throughout the winter. One trial will convince the gardeners of its splendid eating and keeping qualities. It will store perfectly in an outdoor pit or in a fruit cellar, retaining its fine flavor and texture until spring. Pkg. 15c; oz. 35c; 1/4 lb. 75c



# BEANS FOR YOUR GARDEN TENDER AND STRINGLESS

A very popular and worthy home garden vegetable which gives quick results after planting—Beans on the table in six weeks. Sow in spring and early summer, in warm soil, in rows 2 feet apart, seed 2 to 3 inches apart in the row; or in hills 12 inches apart, 3 to 4 Beans to a hill. For a continuous supply of Beans, make additional sowings every 2 weeks. In this part of the country you can plant Beans until the first of July.

One package of Wax- or Green-Podded Beans will plant 25 feet of row; 1 pound 200 feet.

## WAX PODDED BUSH BEANS

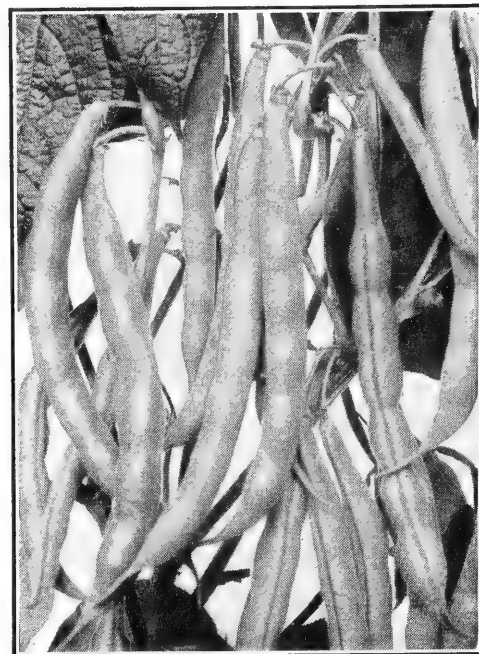
**Cherokee.** Long, straight, handsome clear waxy yellow pods, oval shaped, very meaty and of top quality and flavor. The low growing, vigorous plants are remarkably heavy bearing under just about all conditions of soil and weather. It's a splendid new kind you can depend on. The seed is black. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.45

**Kinghorn.** A new Bean with long, round, slightly curved, clear light yellow pods that retain their freshness and their stringless quality when left on the plant longer than most other Snap Beans. A splendid Bean to can and to freeze. In many ways Kinghorn is better than the old popular Brittle Wax and is replacing that variety on our list. Ready to eat in about 56 days. The seed is white. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.75

**Puregold.** All-America Bronze Medal Winner, 1948. The low growing, thrifty, heavy bearing plant is resistant to Bean mosaic and produces quantities of 6-inch long, slim, round, golden yellow Beans that are absolutely stringless and of splendid flavor and quality. Mature in 55 days which is slightly earlier than Brittle Wax. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.70

**Pencil-Pod Black Wax.** Best Round-Pod Wax Bean. The pods are about 7 inches long, round and very fleshy. This splendid Bean is absolutely stringless at all stages of growth, always brittle, fine grained and tender. Seeds are black. Matures in 55 days. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.45

**Sure-Crop Stringless Wax.** Best Flat-Pod Wax Bean. It is a thick-stemmed, medium-sized grower that holds its pods up from the ground and protects them from dampness and dirt. Bears large, handsome, flat, golden yellow pods of excellent quality, in great abundance. Grown extensively for market. Matures in 54 days. Pkg. 10c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.15



Kinghorn is very much like the old popular Brittle Wax but has some superior qualities and has taken its place on our list of Best Wax Podded Beans for your Garden

## LIMA BEANS

Trials have proven to us that Lima Beans have produced the largest crops when planted more thickly than customary. Rows 24 inches apart with the seed 2 inches apart in the row gave the best results. Always set the beans eye down, 1 inch deep and not until the ground is fully warm. Don't brush against Bean foliage when it is wet.

Pkg. of seed plants row 20 ft.; lb. 150 ft.

**Fordhook US242.** All-America Bronze Medal Winner, 1945. Nearly straight pods, uniform in size and shape, filled to overflowing with three and four very plump Beans of the highest quality. The large, vigorous plants are better yielders, especially for early picking than the old Fordhook and hold their fine form and size throughout the whole season. We have discontinued the old Fordhook as this new variety is so much better in every way. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.70

**Early Market.** A heavy yielding Bean, with large pods, each containing 3 to 4 large flat Beans of fine quality. The plant is vigorous growing and can be depended on for heavy yields. Especially good for freezing. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85.

**Triumph.** Silver Medal 1949, All-America Award. This new small sized, thick seeded "Baby Lima" is more prolific, with larger and thicker Beans, better protected from the sun than the older kinds. Plants are very vigorous growing and you can depend on it to bear a heavy crop every year. Height 16 inches. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.45

## SHELL BEANS

**Seneca Horticultural.** A new early Horticultural or Cranberry Bean. A great favorite in New England and many other sections where it is used as a green shell Bean to be eaten fresh, canned or frozen. Long, thick, flat, light green pods splashed with carmine when mature. The Beans are light buff in color, heavily splashed with crimson.

Sorry, crop failure. Will have them to offer next season.

## Best Times To Harvest

Beans should be tender, from half to three fourths of the mature size. They should snap easily with no fibers or strings.

Lima Beans are at their best just as the lower end of the pod shows a faint tinge of yellow.

## Broad Long Pod Beans DELICIOUS GREEN SHELL BEAN

Also called Fava and Giant Butter. Grown for green shell Beans, which are large, broad and flat, somewhat resembling Limas, and should be used in the same way. Flavor is like Peas. Plant grows very large and erect. The pods are 9 to 10 inches long, 1 1/4 inches wide and generally hold six Beans. Plant the seed as early as possible, for it takes 100 days to mature, and they will not thrive in midsummer heat. A package will make a row about 15 feet long; 1/2 lb. will sow 50 feet.

Pkg. 15c; 1/2 lb. 35c; lb. 60c; 5 lbs. \$2.45

## POLE BEANS

One of our customers had very good luck by planting a row of Russian Giant Sunflower in hills about 2 feet apart and growing Kentucky Pole Beans on them. Both can be planted together, as the Sunflower will keep ahead of the Beans.

★ **Kentucky Wonder or Old Homestead.** The best early green-podded Pole Bean for home or market garden. Vigorous and productive. Pods 9 to 10 inches long, of fine quality, very fleshy, saddle-backed and stringless when young. Matures in 63 days. The seed is brown. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.65

★ **POLE LIMA, King of the Garden.** We think that this is the best Pole Lima; heavily productive, bearing straight pods 6 inches long, containing 4 to 5 large, thick, flat white Beans of very excellent quality. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

**Scarlet Runner.** Bears large sprays of brilliant scarlet flowers and is valuable not only for ornamental purposes but for its food value as well. The 8-inch pods are very good to eat when young. Pkg. 20c; 1/2 lb. 45c; lb. 80c

For much stronger, healthier plants and a much higher yield, treat your Lima Bean seed with Spergon. (See page 55.) Two ounces will treat just about all the Pea, Lima Bean, Squash, Cucumber and Melon seed normally used in a home garden.



Fordhook US242  
The Best Bush Type Large Lima

# Green Podded Bush Beans

Keep your garden working all season. Enjoy tender, stringless green Beans until freeze-up time. For a succession of crops sow the seed every two weeks until July. 1 pkg. will plant a 25-foot row; 1/2 lb. will plant 100 feet.

**Bountiful.** Most popular Flat-Podded Green Bean. The vigorous, hardy plants bear great quantities of thick, broad, solid and meaty pods about 7 inches long. They are tender, of the highest quality and unusually delicious in flavor. This Bean retains its stringless quality even into maturity. Seed is brown. Season 51 days. Pkg. 15c; 1/2 lb. 35c; lb. 60c; 5 lbs. \$2.45

**Contender.** A new and the most promising looking green Bean that has been developed in many years. Pods are long, slender, more round than oval, very handsome, good quality, absolutely stringless. The plant is vigorous growing, mosaic resistant, and yields a tremendous crop that is easily picked. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.45

**Long Tendergreen.** The husky plants continue to bear in quantity, 7 inches long, stringless, round pod, smooth and meaty pods of especially fine flavor over a long season. This is a splendid Bean for your garden. It has every quality that a good Bean should have, quality, length of pod, earliness, productivity. Fine for freezing. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.45

**Plentiful.** The Best Flat-Podded Green Bean. Bronze Medal, All-America Selections, 1938. This is the top quality Flat Green Bean. The long, straight, light, fresh green pods are very smooth, entirely stringless whenever you pick them, and very meaty. The plant is very sturdy, grows about 15 inches high and bears a good crop of handsome pods every season. You can depend on Plentiful. Pkg. 10c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.25

**Tendergreen.** Straight, round pods 6 1/2 inches long, absolutely stringless and of the very highest quality. It has just about everything. A very heavy and early yielder of Beans of the finest flavor and quality. Of course they are stringless. Ready to eat in 53 days. Seed is brown. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.45

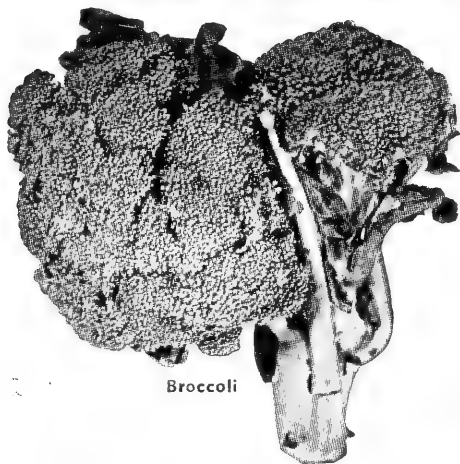
**Tenderlong.** The attractive 6-inches long, round, slender, smooth, fresh green colored pods are very meaty and of delicious flavor. They are absolutely stringless and retain their freshness for a long time. The plants are vigorous in growth and bear a good crop of pods over a long period. An excellent kind for the garden, market and for freezing. Ready to pick in 53 days. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

**Topcrop.** Gold Medal Winner 1950. Developed by Dr. W. J. Zaumeyer, U.S.D.A., Beltsville, Md., for home gardens, market gardens, shipping and processing. A splendid freezer. Ready for picking in 52 days. Very heavy yielding, mosaic resisting plants. Pods slender, round, straight, smooth and stringless. A very dependable cropper. In trials it has outyielded Tendergreen, Full Measure, Longgreen and other round podded varieties. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.45

**Wade.** All-America Gold Medal Winner for 1952. Developed by the late Dr. J. H. Wade. Long deep green, round, slender pods of very smooth appearance that remain brittle and fresh longer than other green Snap Beans. The Beans are of top quality. The plant, taller than Tendergreen, is a remarkably heavy yielder and holds its pods well up off the ground. Resistant to common Bean mosaic and powdery mildew. A mighty good garden and market variety. Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$3.00



Wade—A new green Bean



Broccoli

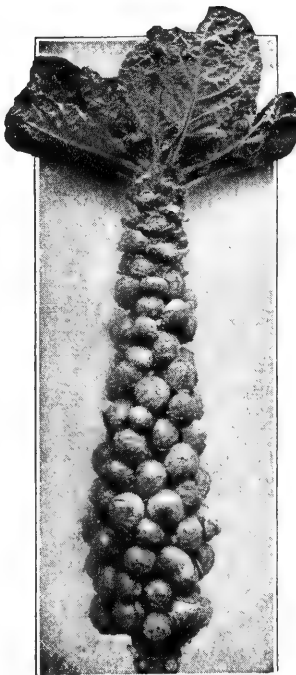
## Broccoli

A vegetable very similar to Cauliflower but less delicate in flavor. Hardy, thrives best in cool weather and should be hoed and watered frequently. Sow the seed inside or in cold frames in January or February and set out plants when ground is warm. A large bluish green flower bud forms in the center. After this is removed, small heads are produced on side branches. Cultivate same as Cauliflower. A package of seed will make about 350 plants. An ounce, 3000.

**De Cicco.** A new very early kind making a large center head within 60 days after planting and continuing to bear for many weeks. This kind produced more edible heads of high quality than any other variety in trials last season. Pkg. 25c; 1/2 oz. 45c; oz. 75c

**Italian Green Sprouting Calabrese.** 70 days. We offer a particularly good strain of this well known variety that is sure-heading. On every plant the central head and smaller side shoot heads are firm and of top quality. Pkg. 15c; 1/2 oz. 30c; oz. 50c

Topcrop Bean  
A Gold Medal Winner



## Brussels Sprouts

The small heads, resembling Cabbage, are formed along the stalk. Prepare like Cabbage or in cream, like Cauliflower. Sow seed in spring; transplant and cultivate same as Cabbage, except leaves should be broken down in fall, giving heads more room to grow. Freezing improves the quality of the sprouts. They may be left in the ground, here in the North, until December. One package of seed will produce 350 plants; one ounce, 3500 plants.

**Catskill.** We consider this the best of the Long Island Improved class. The plants are very dwarf, compact and uniform, producing very firm, round solid sprouts close to the stem. Very productive. Originally developed in the Catskill Mt. section of New York State, known for the high quality of its sprouts. Pkg. 25c; 1/2 oz. \$1.00; oz. \$1.85

When visiting Rochester stop in and see us. We have a store at the corner of Stone and Ely Streets, right in the heart of the downtown shopping district. You will always be welcome.

# HART & VICK'S CABBAGE

A heavy, moist, rich loam, thoroughly cultivated, highly manured and worked deep, is most suitable to Cabbage. Early Cabbage should be started under glass in March, and transplanted 2 feet apart in rows 2 feet apart as soon as ground outside can be prepared. For late plants, sow in drills in open ground in May; transplant in July. Protect against insects by dusting.

One package will produce about 350 plants; 1 ounce about 3500 plants. The numerals directly after the variety name denote the number of days from setting of the plants to maturity of head. It usually takes about 30 days to produce the plants from seed

## Early and Midseason Kinds

**Copenhagen Market.** (66 days.) The most popular early, very large, round-headed Cabbage among home and market gardeners. We are really proud of this strain of Copenhagen Cabbage; it is, we believe, the very best medium-large early Cabbage that can be grown. Heads light green, round, solid, 6½ inches in diameter and 6 inches deep, weighing from 4 to 5 pounds, and of excellent quality.

Pkg. 15c; ½ oz. 45c; oz. 75c

**Early Jersey Wakefield.** (62 days.) Very early, hardy, compact, erect grower, with few outer leaves, which permits close planting; short stem; medium sized, solid, pointed, uniform heads of fine quality, usually weigh 2 to 2¼ lbs.

Pkg. 10c; ½ oz. 35c; oz. 65c

**Glory of Enkhuizen.** (76 days.) A large, solid, round, sure-heading Cabbage of vigorous growth and fine quality. Not as good as Resistant Glory described on this page.

Pkg. 15c; ½ oz. 45c; oz. 80c

**Golden Acre.** (64 days.) The best very early Cabbage of medium size, 3 pounds. An excellent solid, round-headed variety for your garden, on account of earliness, fine quality and unusual uniformity of shape. Small, round, compact, solid heads are generally about 6 inches in diameter and weigh 3 pounds. Similar to Copenhagen Market but several days later. Plants small and compact and the stems short.

Pkg. 15c; ½ oz. 45c; oz. 80c

## Late Cabbage

**Bonanza.** Here is a Cabbage that you can cut and use practically the entire season for even when it's very small it makes a firm, solid head and continues to grow in size and stay in splendid condition until way late in the season. The heads are round, 6 to 7 inches in diameter, and weigh, when fully grown, about 4 pounds. Bonanza is almost crack-proof and has a very small core that makes it very slow to bolt to seed.

Pkg. 20c; ½ oz. 65c; oz. \$1.15

**Seneca Danish Ballhead.** New York State Grown Seed that showed up very well indeed in many trials throughout the state. A new and superior strain of Danish Ballhead developed by the Robson Seed Company at Hall, N. Y., and released to commercial growers in 1947. Very vigorous growing, medium short stem, outstanding in yield and quality. The heads are very solid, uniform, average 5 to 6 lbs. apiece.

Pkg. 25c; ½ oz. 60c; oz. \$1.00

Cabbage and Cauliflower plants should be protected from ground-crawling bugs by putting a Plant Protector around each plant. Pkg. of 20 for 20c.

**Golden Acre. Yellows-Resistant** (64 days.) Same as the regular Golden Acre but making it possible to grow good crops on sick soil.

Pkg. 20c; ½ oz. 55c; oz. 95c

**Ferry's Round Dutch.** Splendid home and market garden Cabbage. The plants are small and compact; stem short. Heads almost ball-shaped; about 8 inches diameter, 6 inches deep and usually weighing 5 lbs., firm and of very high quality. Stands well without cracking.

Pkg. 15c; ½ oz. 45c; oz. 75c

**Marion Market. Yellows-Resistant Copenhagen Market.** (75 days.) A round, solid-headed, crisp-leaved Cabbage that will produce a crop on "yellows" infected soils where non-resistant strains fail completely.

Pkg. 15c; ½ oz. 45c; oz. 80c

**Medium Copenhagen.** (73 days.) Yellows Resistant. A new Cabbage for growing on yellows infected land. Much like our Copenhagen Market but with a head a little larger and later maturing.

Pkg. 20c; ½ oz. 45c; oz. 80c

**Resistant Glory.** A new resistant Cabbage that should replace the old Glory of Enkhuizen in all plantings. A large, solid, round, blue-green, very solid head, ideal for kraut. Makes lots of tons per acre. Very slow to burst open.

Pkg. 20c; ½ oz. 55c; oz. 95c

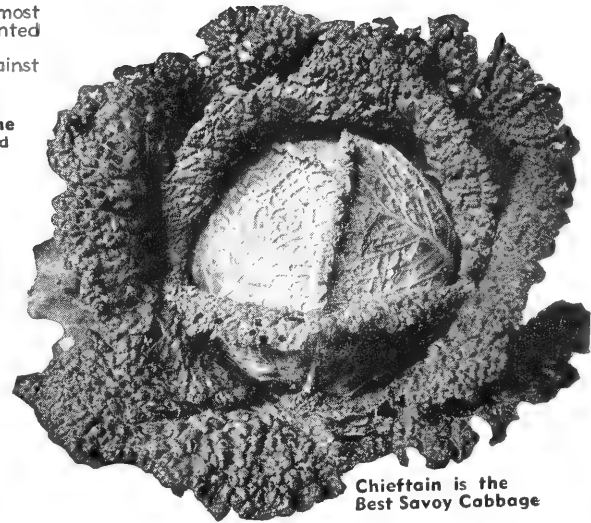
## Red Cabbage

**Mammoth Rock Red.** (90 days.) The very best large red Cabbage. The heads are very solid, about 7 inches in diameter and weigh about 7 pounds. The color deep purplish red and the quality unequalled. If you have never grown red Cabbage, do so this year. You will be well pleased with the results.

Pkg. 15c; ½ oz. 35c; oz. 65c

FROM VICK'S ILLUSTRATED MAGAZINE, AUGUST, 1878

**Early Cabbage.** Last October I sowed some early Cabbage seed, because I read in one of your books that this was the way to have Cabbage very early in the spring. Early in December I put some boards around the bed, making a kind of box, and for a cover for the box I put evergreen boughs. Very early in the spring I set out the plants, and never before saw Cabbage so early and so good. In June I had splendid Cabbage.—CYGNET.

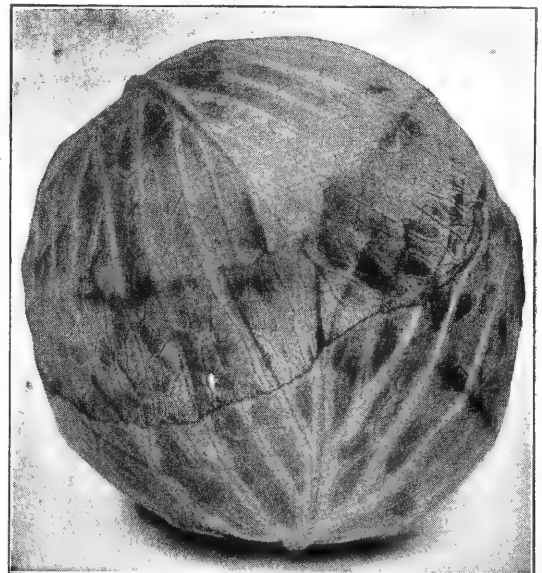


Chieftain is the Best Savoy Cabbage

## Savoy Cabbage

**Chieftain.** The best of the main crop late Savoy for the home or market garden. Outer leaves are large, thick, fleshy and densely crumpled. The heads are large, round, sweet and tender. Savoy Cabbage is quite unique in flavor and it is preferred by many connoisseurs to any other Cabbage.

Pkg. 15c; ½ oz. 45c; oz. 80c



We firmly believe that this Seneca Danish Ballhead is at least the equal of any late maturing Cabbage in the country

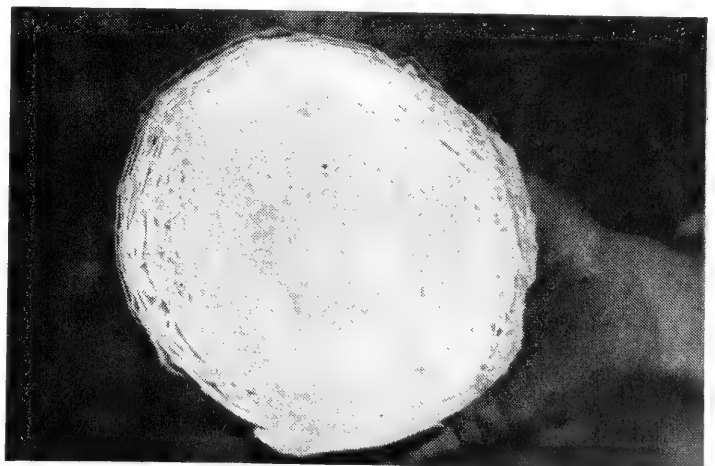
## CHINESE CABBAGE

### MAKES THE BEST CABBAGE SALAD

Cut into quarters and boiled with meat, or alone, its mild, rich flavor and tenderness put it far ahead of Cabbage. Sliced thin and served cold with a cream dressing, it makes a most appetizing coleslaw. Served with broiled sliced bacon and a hot meat gravy poured over it, it is very good. Boiled, fried, baked with cheese—any way you have a mind to cook or serve Chinese Cabbage you will find it delicious. There won't be any tough outside leaves to it, for it's practically all heart, tender, crisp and juicy. It's very easily grown. Sow the seed in July, in rows 15 inches apart, and thin the same as Lettuce.

**Michihli.** A new uniformly sure heading kind, with longer 20-inch tall, 3½- to 4-inch thick, slightly tapered, very solid heads of crisp, creamy yellow, splendidly flavored. The deep fresh green outer leaves make this kind especially attractive.

Pkg. 15c; ½ oz. 30c; oz. 45c



Bonanza is a new Cabbage for Your Garden





These are Nantes Carrots, Our Strong Top Strain, Often Called "Coreless"—We Believe It's the Very Best Kind for Your Garden

## CARROTS for FARM and GARDEN

Any good land, thoroughly worked, will produce a satisfactory crop of Carrots. Sow as early in spring as possible, though good crops may be grown from seed sown as late as the middle of June. For table use, sow smaller kinds early, in rows 16 inches apart; for field growing, in drills 18 to 24 inches apart. Cover one-half to one inch deep and press soil down firmly above the seed. Thin 2 to 6 inches apart, according to size of variety. When preparing Carrots for the table wash and scrape them, never peel; the best flavor and color are near the skin. One package of seed will sow 30 to 40 feet of row; 1 ounce, 300 feet; about 3 pounds, an acre.

**Chantenay, Long Type.** Our strain of this long, smooth Carrot with bright orange skin, orange flesh and very little core, is particularly good. We had it in 8 trials on upland and on the muck in New York State this past season and it was Number 1 on the list in every single trial. This Carrot will make tonnage for it grows 7 to 8 inches long and 2 1/4 to 2 1/2 inches in diameter at the shoulder. A good kind to sell in baskets on the market or to canners.

Pkg. 10c; 1/2 oz. 25c; oz. 40c; 1/4 lb. \$1.10

**Chantenay Red-Cored.** This is the best large coreless Carrot for both the home garden and for market and the strain we offer you here is absolutely tops for uniformity of shape and size, for smoothness, and for both exterior and interior color. The roots are about 6 inches long and 2 inches thick at the shoulders, smooth, reddish orange, tapered and blunt ended. The bright, clear orange flesh is fine-grained, tender and sweet, with practically no core. Grown for sale at roadside stands, public markets and to canners who "dice" them. We are particularly proud of this strain of Red-Cored Chantenay.

Pkg. 15c; 1/2 oz. 35c; oz. 55c; 1/4 lb. \$1.20

**Nantes Improved (Coreless).** One of the best and certainly the most popular long, slender-shaped Carrots for the garden. We believe this Strong Top Strain of ours to be unexcelled either for back-yard garden growing or for market. Roots 7 to 8 inches long, smooth and blunt-pointed, just about cylindrical in shape and bright orange in color. Flesh is bright orange and of the highest quality. This Carrot is often called "Coreless" Carrot. Small tops make it desirable for bunching. Commercial Carrot growers insist on a strong top strain of Carrot, so when they pull and bunch for market, the tops won't break away from the root. It's a great asset to a Carrot in your home garden also.

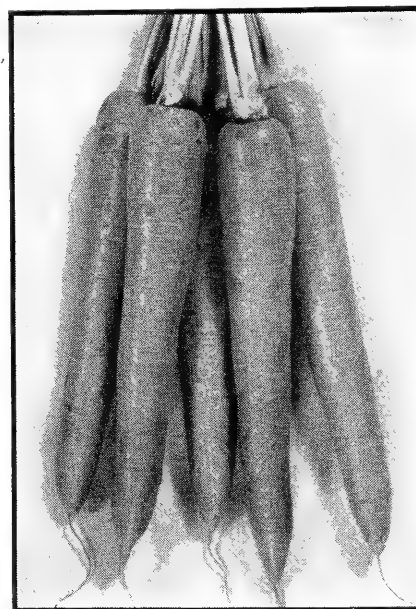
Pkg. 15c; 1/2 oz. 35c; oz. 55c; 1/4 lb. \$1.45

Red-Cored Chantenay Carrots—We are very proud of our stock of this popular large Carrot



To help Carrots grow long, smooth and straight, make a cut spade depth on each side of the row 2 inches from the roots. This loosens the soil, allows the root to grow down into the ground easily and makes a very smooth Carrot. Thin your rows of Carrots when the roots are the size of a pencil. The small roots that you will pull out when thinning are very delicious. Don't peel, scrape them. You lose a lot of flavor when you peel a Carrot.

The flavor is greatly improved in raw Carrots by cutting them in thin strips and putting the strips in the freezing compartment of the refrigerator for a day or two.



Long Imperator Carrot

**Imperator — Long Strain.** Easily grown and yields exceptionally well. The very long 8- to 9-inch roots, 1 1/2 in. across the shoulder and tapering to a blunt end, are smooth, have a rich orange-red skin and deep orange flesh. Popular with home gardeners, freezers and commercial Carrot growers. Sweet, tender, fine grained flesh of rich flavor makes it an outstanding variety.

Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.20

**Tendersweet.** The roots are about 7 inches long, tapering from a shoulder to a rather blunt point, deep orange-red colored skin and fine grained orange flesh with practically no core. You may like Tendersweet better than the Carrot you have been growing.

Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.10

**Touchon.** Similar to our Nantes but has greater length. It will grow 7 to 8 inches long and 1 1/2 inches through. The root is straight and cylindrical with a very fine tap root. Flesh deep orange with a very small core and of top quality. A splendid home and market garden variety.

Pkg. 20c; 1/2 oz. 40c; oz. 65c; 1/4 lb. \$1.35

VICK'S FIRST FLORAL GUIDE WAS  
PUBLISHED IN 1862

## Chicory

**Witloof or French Endive.** Sow seed in spring in open ground, 1/2 inch deep, in rows 18 inches apart, thin to 6 inches apart. Allow plants to grow until November. Take up roots and trim off leaves to about 1 1/2 inches from the neck. Plant roots in trench 1 1/2 inches apart and cover with 8 inches of fine soil. Here they produce blanched leaves for winter salad and cooking as greens. A pkg. of seed will produce about 350 plants.

Pkg. 25c; 1/2 oz. 55c; oz. 85c; 1/4 lb. \$2.45

**Asparagus or Celery.** Also known as Italian Chicory, Radichetta (Catalogna), and Italian Dandelion. Rapid growing salad plant with dandelion-like leaves often used for early greens. The leaves and flower shoots are very tender and have a faint Asparagus flavor and can be cut several times during the season. Very easily grown. A pkg. of seed will sow 35 ft. of row.

Pkg. 15c; 1/2 oz. 45c; oz. 75c; 1/4 lb. \$2.25

## Cardoon

**Large Smooth.** A perennial grown for the fleshy leaf stalks or midribs which are cut in the fall and grow up again the following spring. Grows about 3 ft. tall and is often tied up to hurry blanching of the leaves.

Pkg. 15c; 1/2 oz. 35c; oz. 75c

One of the handiest tools in the garden is a Beet or Warren hoe. A heart-shaped blade on a four-foot handle. Don't borrow your neighbor's or you may not return it.

# CAULIFLOWER

One package of seed will produce 150 plants; 1 oz., about 4000 plants.

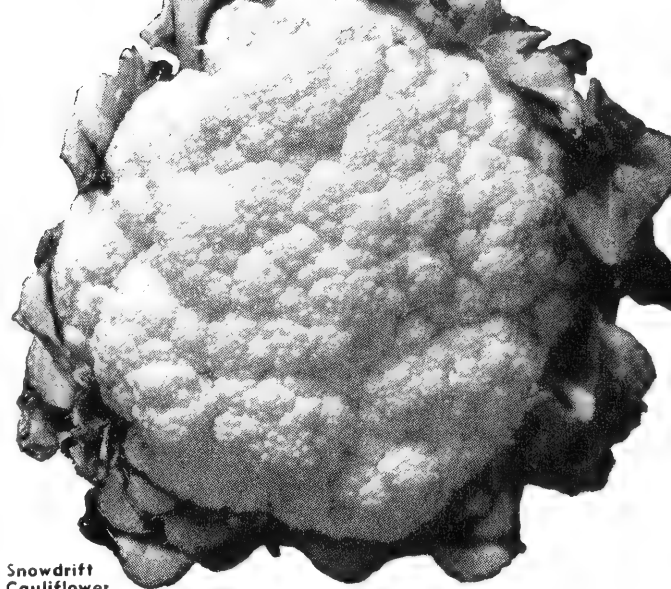
For early Cauliflower, sow seed under glass in January or February and transplant to cold frames, 2 to 3 inches apart each way. Set in open ground early in the spring in rich, warm, moist soil. Water freely in dry weather, especially when plants are heading. For main crop, sow seed in June, set out your plants the latter part of July. After heads have begun to form, draw leaves over and tie to protect from the sun and keep them white. Cut while heads are compact and firm.

**Early Snowball.** A splendid variety that is ready to cut in 58 days from the day the young plants are set out. The very compact, solid heads are of medium size and mature all about the same time. The creamy white curd is usually smooth and firm.

**Super-Snowball.** Large, deep, solid, snow-white heads. Foliage heavy and upright, protecting the heads that mature early and evenly, and under favorable conditions the entire crop can be harvested at practically one cutting.

**Snowdrift or White Mountain.** This kind makes a very large, deep, solid, pure white head. The heavy, upright growing leaves are very numerous and being close together force the smaller inner leaves to curl over and protect the head. Well adapted for use under a wide range of conditions and generally considered the most satisfactory strain for the main crop for fall harvest.

**Early Purple.** More delicately flavored than any of the white varieties. The large, solid heads that need no blanching are deep purple and when cooked are green like Broccoli. Plants set out in early June will ripen heads before October.



Snowdrift Cauliflower

Pkg. 25c; 1/4 oz. 95c; 1/2 oz. \$1.75

Pkg. 25c; 1/4 oz. 95c; 1/2 oz. \$1.75

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Pkg. 25c; 1/4 oz. 95c; 1/2 oz. \$1.75



## CELERIAC

### Turnip Rooted Celery

This delicious vegetable, although used extensively throughout Europe, is but little known in this country. Cultivate same as Celery, except no hilling is necessary. It is cooked in various ways, boiled and creamed, put in stews or sliced very thin and put in boiling water, then served cold in salads. Every gardener should grow it. A package of seed will sow about 50 feet of row.

**Large Smooth Prague.** The standard variety, roots 3 to 4 inches in diameter, globe-shaped, fairly smooth, brownish yellow in color. Quality excellent.

Pkg. 20c; 1/4 oz. 35c; oz. \$1.00

## CRESS

**Broad-Leaved.** Resembles Water Cress in shape of leaf and in flavor, but grows well in the garden, being ready to use in about 60 days from seed sowing.

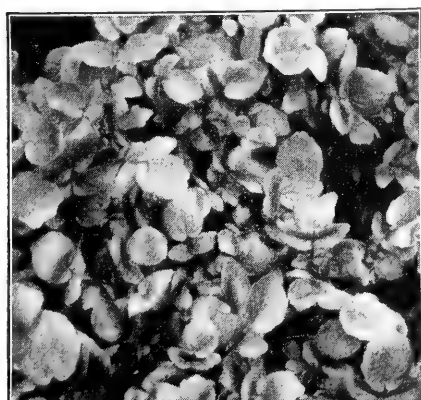
Pkg. 15c; 1/2 oz. 30c; oz. 45c; 1/4 lb. \$1.25

**Fine Curled or Pepper Grass.** The finely cut leaves that grow so quickly are used for flavoring salad, for garnishing or as a green in sandwiches. Used with Lettuce, it adds an agreeable pungent taste. Sow every 2 weeks for continuous supply. A package usually makes enough plants for the average family.

Pkg. 15c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.00

**Water Cress.** This requires a stream of water, ditch or pond in which to grow. Sow the seed in shallow water in the muddy bottom in the spring and keep free from weeds. Very popular for garnishing and for salads.

Pkg. 25c; 1/4 oz. 55c; oz. \$1.75



Chives are one of the most useful of the "flavoring" vegetables. Use it in salads and in soups

## CHIVES

(Allium Schoenoprasum)

Most useful of the kitchen herbs. A low growing perennial that develops into a plant with thick, grasslike foliage, somewhat similar to Onion tops. These tops are used to give a mild Onion-like flavor to soups, stews, salads, meat sauces, gravies, omelets, potatoes. The more often the leaves are cut the stronger the plant grows.

Pkg. 15c; 1/4 oz. 45c; oz. \$1.35



## CORN SALAD

A favorite salad plant in Europe and very hardy. Seed sown in April makes plants that can be used very soon. August-sown seed produces early spring plants.

Pkg. 10c; 1/2 oz. 25c; oz. 40c; 1/4 lb. 95c

## CHERVIL

**Double Curled.** The young leaves are used for flavoring soups and salads and for garnishing.

Pkg. 15c; oz. 45c; 1/4 lb. \$1.00

## COLLARDS

**Sweet Louisiana.** A new kind much better than Georgia. Sometimes called non-heading Cabbage. Very popular in the South for boiling greens. Large, tender leaves that have a mild Cabbage-like flavor on 3-foot plants that bear all season. Ready in 80 days.

Pkg. 10c; oz. 25c; 1/4 lb. 65c

## The Garden HUCKLEBERRY

Freeze them and store for winter in your food locker.

These Seed Huckleberries or Sunberries—Wonderberries—Garden Berries—their botanical name is Solanum—they bear fruit from seed the first year.

These pie berries grow big, strong plants that bear quantities of fruit the same season that you sow the seed. Some call them Sun Berries, others Wonder Berries. Down in Wayne County, N. Y., where we saw them first, they call them Seed Huckleberries, first because they grow and bear from seed the first year and Huckleberries for the reason that pies made from them rival the most delicious Blueberry pies that you ever tasted. Package of 50 seeds 15c; 2 pkgs. 25c



A  
25  
CENT  
PIECE

If your soil is heavy, hard to work year after year, no matter how much time you give it, Kriliun, the new soil conditioner, will be a god-send to you. Read about it on page 22 of this book.



# HART & VICK'S CELERY

Celery seed is very slow in germination, and should be sown in March in flats under glass and kept moist. When plants are 2 inches high, thin out and transplant to stand 3 inches apart each way. When 5 inches high, set out, 6 inches apart, in trenches 6 inches deep. Cut off outer leaves and press soil firmly about roots. Cultivate thoroughly. When full grown, blanch by mounding gradually with earth or by pressing stems together by boards on both sides of row. For winter storage, take up the plants with roots and place upright on wet soil in a dark cellar or roothouse, packing closely.

1 pkg. of seed will produce about 500 plants; 1 oz. about 8,000 plants.

**Cornell No. 619.** A new variety selected by the Plant Breeding Dept. of Cornell University from a cross between Cornell No. 6 and Cornell No. 19. It combines the length of stem of No. 19 with the thickness of stem of Cornell No. 6. Plant is erect growing and has a good heart. Celery growers will find this plant handles with less breakage than either No. 19 or No. 6.

Pkg. 25c; 1/4 oz. \$1.00; oz. \$2.45

**Cornell No. 19.** Developed and introduced by the New York State College of Agriculture. A cross between the green Celery Utah and the Golden Self Blanching. Early, easy blanching. Plants 24 inches tall. Edible stem 10 1/2 inches. Rounded thick yellow stems; fairly good heart. Quality good. Resistant to fusarium yellows.

Pkg. 25c; 1/4 oz. 55c; oz. \$1.85

**Emerson Pascal.** A new very high quality, blight resistant green Celery with long, thick, smooth stalks that are unusually crisp and tender. The foliage is very distinct, being much more finely cut than on other varieties.

Pkg. 25c; 1/4 oz. \$1.00

**Giant Pascal.** Also called Winter King. A very popular standard winter variety with Celery growers and back-yard gardeners especially in the New England states and in Pennsylvania. The plants are large, upright, heavy. Stalks tall, solid and stringless. Has a very delightful rich nutty flavor, tender and crisp. Keeps well over winter. A green Celery.

Pkg. 15c; 1/4 oz. 45c; oz. \$1.35

**Golden Plume.** A special, early blanching strain of the very highest type. Large stalks, with a full golden yellow heart. The stalks blanch easily, are crisp and brittle, and remain in good condition for several days after digging. Extra fine for home gardens and market.

Pkg. 15c; 1/4 oz. 45c; oz. \$1.35

**Summer Pascal.** (Waltham Strain.) An early green kind of superb quality. The stems are long, thick and extremely tender. Green Celery has a rich, full flavor and the large full heart blanches to a pure white.

Pkg. 20c; 1/4 oz. 55c; oz. \$1.85

This is the kind of Golden Plume Celery that the commercial Celery grower gets from our Special Strain of Golden Plume

that is unsurpassed. The plant grows medium high and the large full heart blanches to a pure white.

**Utah 10-B.** Very similar to Utah No. 15 and on some pieces of muck, under certain weather conditions growers prefer it to any other green variety. Plants not quite as erect in growth as No. 15. Edible stems 10 inches long, rounded, tender, crisp and of excellent quality.

Pkg. 25c; 1/4 oz. 70c; oz. \$2.10

**Utah No. 15.** This was one of the most satisfactory of the green Celeries we saw last year both in trial plots and in commercial plantings of our customers. Grows 28 in. tall, erect and compact; edible stems 8 to 10 in., uniformly long, rounded, thick, waxy and smooth. Splendid quality.

Pkg. 25c; 1/4 oz. 70c; oz. \$2.10

**Utah 52-70.** A new green Celery, taller than 10-B. Long, edible stems, rounded, tender, good quality. Does well on muck in New York State.

Pkg. 25c; 1/4 oz., \$1.00; oz. \$2.45

If you grow Celery for the market be sure and ask us for our Commercial Vegetable Growers' Seed Catalog. It pictures, describes and prices varieties of vegetables specially suited to the market, for freezing and for shipping. We specialize on good seed for the critical market gardener.



Utah No. 15  
Used Extensively by Commercial Growers

## FERTILE POTS

Sow seed in these pots or transplant young seedlings into them. Made of cow manure, the plants eat the pot. Plants raised in them are not checked when transplanted into the garden where they are to bear. You set pot and all in the ground. Fertile pots hold moisture near the roots and furnish food for the plant. The pot gradually breaks down.

No. 2 1/2 (about 2 1/2 inches across).

Carton of 12, 75c, Prepaid.

Carton of 100, \$3.10, Prepaid.

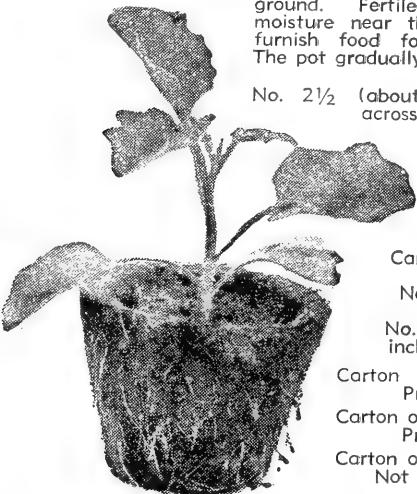
Carton of 250, \$4.40, Not Prepaid.

No. 3 (about 3 inches across).

Carton of 12, 90c, Prepaid.

Carton of 100, \$3.70, Prepaid.

Carton of 250, \$5.20, Not Prepaid.



John Decker of Marion, N. Y., showing you a plant of Cornell No. 19 Celery he grew from our seed.

## Protect Your Garden Against Rain - Wind Bugs - Frost with Hotkaps

HOTKAPS, like miniature greenhouses, keep out weather and insects, promote sturdier growth and bring plants to maturity weeks earlier.

25 Hotkaps with setter \$0.95, postpaid ..... \$1.10  
100 Hotkaps with setter \$3.15, postpaid ..... 3.35  
250 Hotkaps with setter \$5.90, postpaid ..... 6.20  
1000 Hotkaps \$18.35. Fiberboard setters 20c, postpaid 30c. Steel setters \$1.95, postpaid \$2.15.

## HOTENTS Are Much Larger Hotkaps

Miniature hothouses made of heavy waxed KAPS—10 1/2 x 14 1/2 x 8 1/2. Give the plant plenty of room to grow in. Protect against wind, hard rain, bugs and frost. Makes earlier and better vegetables. Postpaid to you.

50 for \$2.75; 100 for \$4.85, prepaid



# THE BEST SWEET CORN

## Northern Grown Seed Corn Means Earlier Crops

Sweet Corn can be raised on any good ordinary soil that is thoroughly worked. Plant five kernels to the hill which should be about 3 feet apart each way, or plant in rows one seed every 3 inches, covering seed with about 1 inch of soil firmly pressed down. Thin out to 3 plants to a hill. For succession, plant every 2 weeks up to July 15th. A package of seed will plant about 50 hills or about 75 feet of row. 1 lb. of seed will plant about 400 hills or 1000 feet of row.

### HYBRID SWEET CORN

Hybrid Corns are crosses between an inbred strain and a standard variety or a crossing of 2 inbreds. To produce Hybrid Corn this must be done each year. Do not save seed from Hybrids, it will not come true the next season. Hybrid Corns are of special value to commercial growers because the ears from 1 planting mature at the same time. If you want Corn over a long period plant 3 or 4 kinds.

**Golden Midget.** 60 days. A good Sweet Corn for the person with a small garden where every inch of space must count. Stalks only grow 30 inches tall, can be grown very close together and bear 4-inch, butter-yellow ears of the highest sugar content. Pkg. 25c; 1/2 lb. 65c; lb. \$1.00

**Seneca 60.** 63 days. High eating quality has been bred into this very early Corn. It now has all the famous flavor of the old-time favorite Golden Bantam. 6 1/2-inch ears with 10 or 12 rows of medium deep, golden yellow kernels. Stalks are 4 1/2 ft. tall and erect growing. Pkg. 25c; 1/2 lb. 70c; lb. \$1.10; 5 lbs. \$4.25

**Golden Rocket.** Ready to eat in 67 days. Long 8-inch ears with 10 to 14 rows of deep kernels that fill it to the tip. It has splendid quality, the cream-colored kernels are tender, sweet and juicy. We recommend Golden Rocket as the highest quality early Corn and feel sure it will be a welcome addition to your vegetable garden. Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$3.15

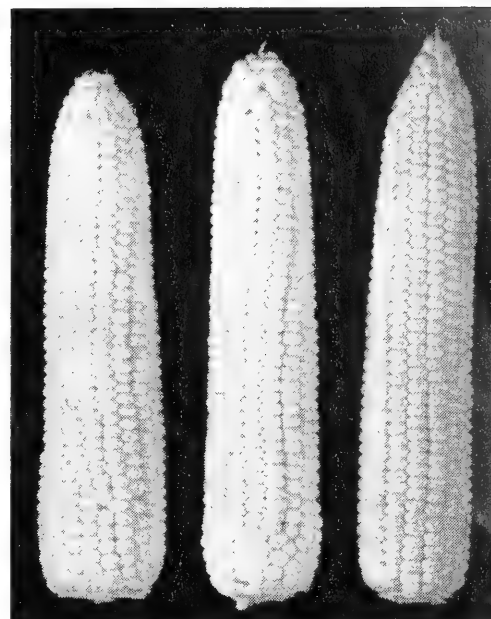
**Marcross C13x6.** A wilt-resistant hybrid that is ready to eat in 70 days. The ears are 6 1/2 to 7 1/2 inches long and carry 10 to 14 rows of light yellow kernels of fair quality. Not at all a strong growing kind but popular with the commercial growers on account of its earliness and complete resistance to Stewart's disease. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$3.15

**Carmelcross Improved.** 72 days. Large, 8-inch ears filled to the end with 12 to 16 rows of deep, sweet and tender kernels, creamy yellow in color, very attractive and of delicious flavor. This is the most popular second early kind. It is the ideal Corn in its season both for the home and market garden. The plants grow 5 1/2 feet tall, are very robust and entirely resistant to wilt. Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$3.25

**F-M Cross.** We heard nothing but praise for this new hybrid that was introduced last year under the name of Cross Country. Customer after customer, men who really appreciate good Sweet Corn in their garden, wrote or stopped in at our store to tell about it. Here is its description. Large ears 7 to 8 inches long filled to the tip with 14 to 16 rows of narrow very deep light golden yellow kernels. Ripens just ahead of Golden Cross Bantam and much superior to it. Try some. Pkg. 20c; 1/2 lb. 45c; lb. 85c; 5 lbs. \$3.50

**Golden Cross Bantam.** Seed grown in New York State and recognized by commercial Corn growers as one of the best strains on the market. The highest quality Hybrid Sweet Corn that we have seen. The ears are about 8 inches long, with 14 rows of cream-colored kernels. Golden Cross is ready for use in about 84 days. Stalks are 4 to 5 feet high, thrifty growers, and bear 2 ears to a plant. Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$3.25

**Seneca Chief.** 86 days. A splendid Corn for freezing. 9-inch ears with 12 rows of deep, narrow, tender golden yellow kernels of the sweetest flavor and highest quality. Produces good sized second ears over a two-week period. Stalks 6 to 7 ft. tall. Resistant to bacterial wilt. Pkg. 20c; 1/2 lb. 65c; lb. \$1.10; 5 lbs. \$3.75



Lochief—Tops in Tenderness and Flavor

**Lochief.** Many critical corn growers who have eaten this new Sweet Corn declare it is more tender and of better quality and flavor than any other Sweet Corn ever introduced. Ready to eat in 88 days, it is a heavy yielder of 9-inch ears filled to the tips with delicious, deep yellow kernels. Pkg. 20c; 1/2 lb. 45c; lb. 85c; 5 lbs. \$3.50

### HYBRID HULLESS POP CORN

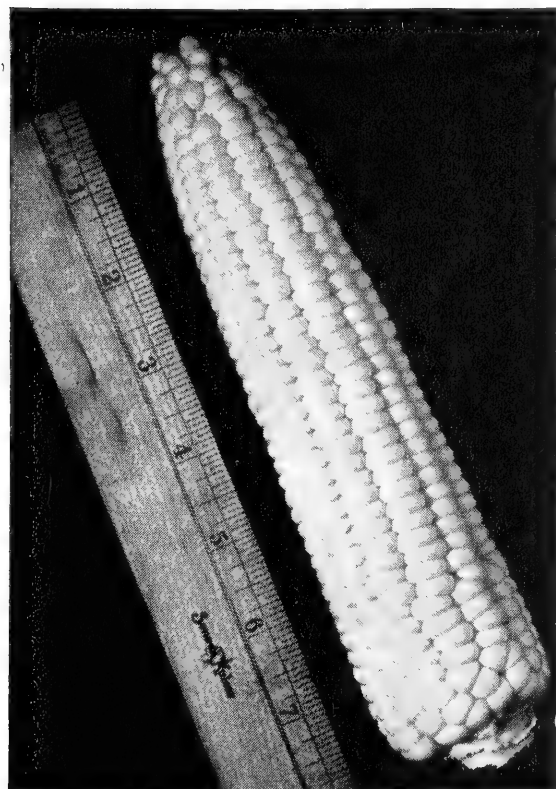
**Minhybrid 256.** A new yellow Hybrid Pop Corn that shows a 16% larger yield and 29% greater popping volume than the old Hulless. Early and of good quality. Do not save for seed purposes as this is a hybrid. Pkg. 15c; 1/2 lb. 45c; lb. 85c; 5 lbs. \$3.50

Our Sweet Corn seed has been treated with a fungicide that protects it from rotting in cold, wet soil. This will allow you to plant it earlier and make a bigger and better crop.

### SWEET CORN COLLECTION

Plant these four varieties at the same time and they will supply you with delicious sweet Corn for thirty days.

Golden Rocket	Golden Cross Bantam	Golden Bantam	Marcross C13x6
One pkg. of each—will plant 200 hills—postpaid for.....\$0.50			
1/2 lb. of each—will plant 800 hills—postpaid for.....1.35			



Golden Rocket is Ready to Eat in 67 Days

#### Golden Bantam.

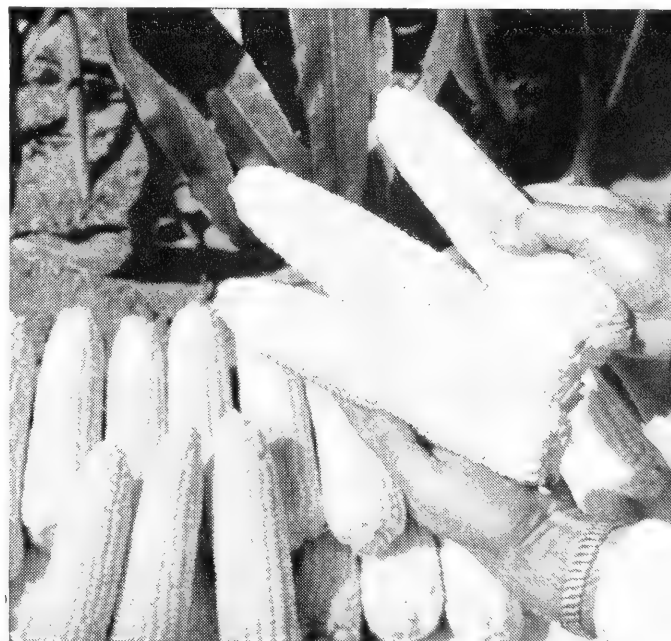
(78 days.) Hart & Vick's old-fashioned strain with 6-inch ears, 8 rows of deep kernels. The original strain that made Golden Bantam famous is, we believe, away ahead of any other; has the wonderful richness, sweetness, and tenderness that make this variety so popular. Open pollinated.

Pkg. 10c; 1/2 lb. 30c;  
lb. 50c; 5 lbs. \$2.45

#### Stowell's Evergreen.

(95 days.) The standard main-crop variety for home garden or market. Ears very large and filled to the tips. The sweet kernels are pure white. Remains fresh and edible longer than any other open pollinated.

Pkg. 10c; 1/2 lb. 30c;  
lb. 50c; 5 lbs. \$2.45



F-M Cross—Large Creamy Yellow Ears of Top Quality

# CUCUMBERS

One package of seed will sow 25 hills; 1 ounce about 100 hills.

Cucumbers should be raised in every home garden. They can be grown to perfection with ordinary care. Plant seed when danger from frost is over, an inch deep in hills 4 to 6 feet apart each way, dropping six seeds in a hill. When second set of leaves has formed, thin to 3 plants to a hill. Cultivate thoroughly until runners make this impossible. If plants are attacked by beetles, spray with Bordeaux, arsenate of lead, or use one of the new DDT sprays or dusts. Make a second sowing of seed about 5 weeks later to furnish you with cucumbers and pickles for preserving.

For earlier Cukes place Hotkaps over the seed after you plant it. They keep the soil moist, bugs away, protect from frost.

**Early White Spine.** Splendid kind to grow for "Dill" pickles. An early, smooth, straight Cucumber 7 inches long and 2½ inches thick. Its color is dark green. Excellent for slicing when fully grown or when small for finger and dill pickles. A very productive variety. Pkg. 10c; oz. 25c; ¼ lb. 85c

**Early Sure Crop** A new F-1 Hybrid. All-America Winner 1950. The outstanding good qualities of this hybrid are its thriftiness of growth and ability to produce cukes for a much longer period than the ordinary kinds. The plant starts to grow very quickly in the spring and is resistant to disease. The fruit is about 8 inches long, cylindrical in shape and has very blunt ends. Skin lustrous dark green and flesh firm and pure white. Quality very good. A splendid Cucumber for your garden.

Pkg. of 35 seeds for 25c; 2 pkgs. 45c;  
5 pkgs. \$1.00

**Improved Long Green.** A standard variety for slicing and largely for pickling. The vines are vigorous and productive. The Cucumbers are long, slender, dark green, with warts and spines well distributed. Popular in home and market garden.

Pkg. 15c; oz. 35c; ¼ lb. \$1.00

**Lemon Cucumber.** This cucumber is round, with yellow and green markings and smooth skin, similar to the lemon. Flesh tender, crisp, and sweet. Fruit is from 2 to 3 inches in diameter, and of handsome appearance. For pickling, either when green or ripe, they are unexcelled. Ready for table when fruits turn yellow.

Pkg. 15c; oz. 45c

**Marketer.** Rich dark green fruits, uniformly cylindrical in shape, slightly tapered ends and about 8 inches in length. Flesh thick, crisp, white, and of fine flavor. Vines are vigorous growing and bear unfailing big crops for a long season. This new variety is attracting the attention of commercial growers of quality Cucumbers and promises to be a most popular variety.

Pkg. 15c; oz. 35c; ¼ lb. \$1.00

**Mixed Cucumbers.** Made up of the large slicing varieties and the small dills and picklers. Many gardeners have asked us for such a mixture as Cucumbers seem to do better when varieties are mixed in the garden and cross pollinated.

Pkg. 15c; oz. 45c; ¼ lb. \$1.25

**National Pickling.** Anyone who likes the small sweet or sour pickles will want to grow a great patch of this new Cucumber. Likewise, if you are partial to "dills," let the Cukes remain on the vines until they are of the right size. The vines are thrifty and bear heavy crops. We recommend to commercial pickle growers our stock of this pickler. It will please their most critical trade.

Pkg. 15c; oz. 35c; ¼ lb. \$1.00

A New Hybrid Cucumber,  
Early Sure Crop



Marketer is the Most Popular of All Cucumbers

**Niagara.** Developed by Dr. Henry Munger of Cornell University. The first slicing cuke resistant to mosaic. Vine husky and large leaved like the hybrid Early Sure Crop. Fruit is 8 to 10 inches long, dark green skin and crisp, white flesh of splendid quality. In mosaic infested soils where other cukes fail Niagara will make a crop.

Pkg. 15c; oz. 35c; ¼ lb. \$1.00

**Ohio MR 17** Resistant to mosaic disease. A little longer and smoother fruit than either National Pickling or Yorkstate. Fruit is blunt ended, dark green in color, attractive and fairly uniform in shape. The vines are vigorous, healthy growing, with large, thick leaves. Used extensively on mosaic infested lands in the pickle growing areas of the country.

Pkg. 15c; oz. 35c; ¼ lb. \$1.00

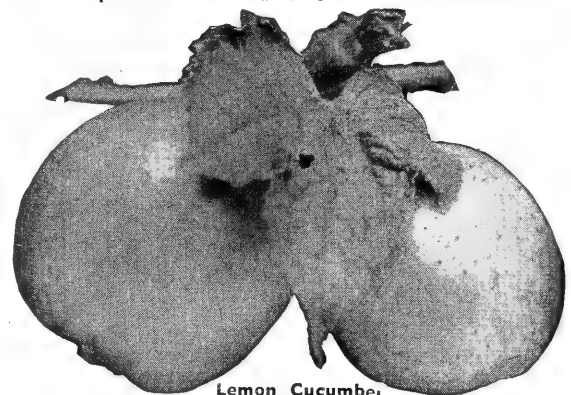
**Straight-8.** Very prolific. The fruits are about 8 inches long and from 1½ to 2 inches in diameter, with rounded ends. The skin is deep green, while the flesh is pure white, crisp and tender. A good kind to grow under glass. Few seeds.

Pkg. 15c; oz. 35c; ¼ lb. \$1.00

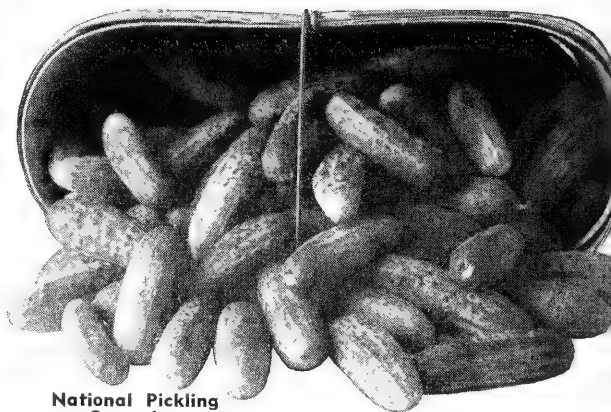
**York State Pickling.** New mosaic-resistant kind developed by Dr. H. M. Munger of Cornell University that will bear an abundance of fine pickles in gardens where mosaic disease is so bad that other Cucumbers will not grow.

Pkg. 15c; oz. 35c; ¼ lb. \$1.00

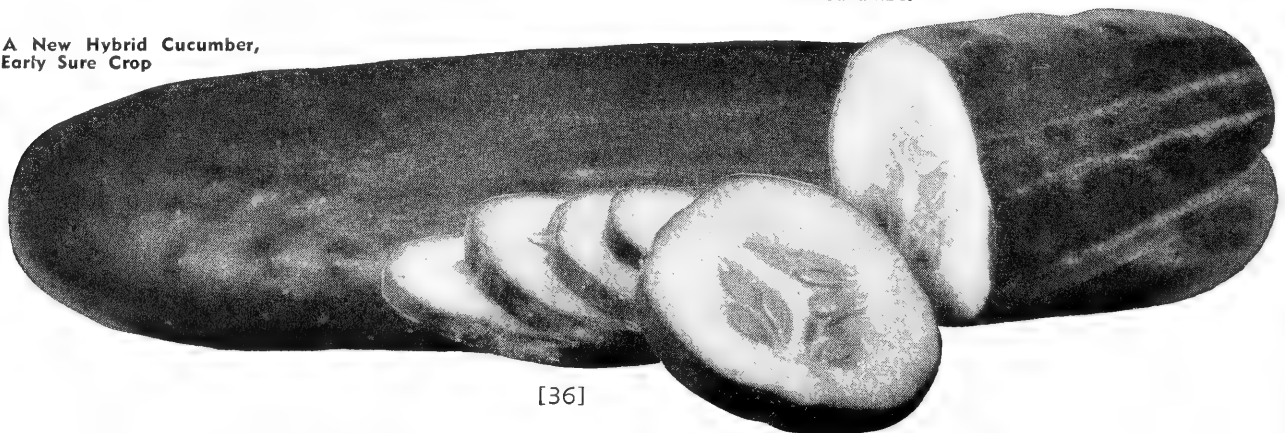
Cucumbers are divided into two classes. The "Black Spine" and the "White Spine." The spines being the bristles showing on the fruit when it is young. The black spined kinds turn yellow when ripe. The white spines turn white.

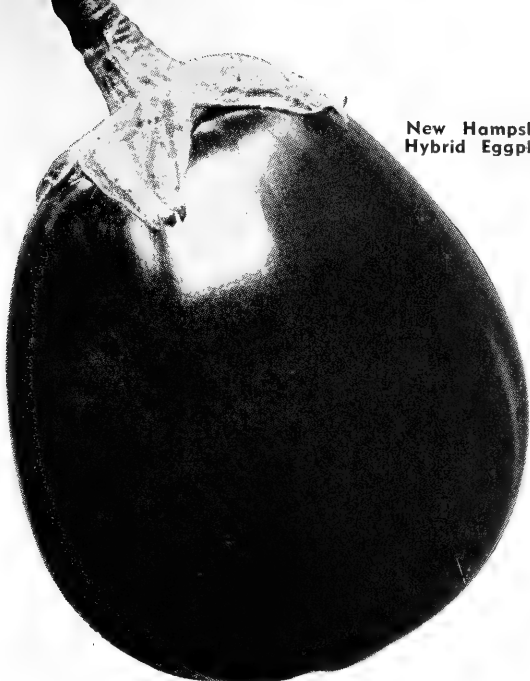


Lemon Cucumber



National Pickling  
Cucumber





New Hampshire Hybrid Eggplant

## Hart & Vick's EGGPLANT

One package of seed will produce 200 plants; 1 ounce 2000 plants.

Harvest your Eggplant while the skin is still glossy. It is too old when the skin becomes dull.

Maturing days mentioned mean days from the time the plant is set out in the garden until it is ready to eat.

Start seed under glass early in March and bring plants to a good size as rapidly as possible. Transplant, when 3 inches high, singly, into 2½- to 3-inch pots. (Fertile Pots are best, see page 34.) As soon as weather is warm set out in open ground, about 2 feet apart each way. Spray or dust for beetle with arsenate of lead or one of the new DDT sprays or dusts.

**★Black Beauty.** (80 days.) An extra early variety. The fruits are large, blunt, oval in shape, purple-black, entirely spineless, and of very high quality, weigh several pounds each and are entirely free from spines and thorns. Holds its color a long time and is a desirable market variety as well as the very best kind for the home gardens, except in very northern sections. This is a very reliable and heavy bearing variety, each plant producing several large fruits. Pkg. 15c; ½ oz. 55c; oz. 95c

**New Hampshire Hybrid.** 65 days. Dark purple fruit, firm, and of splendid quality, two weeks earlier than Black Beauty. This is the Eggplant to grow here in the north where the growing season is comparatively short. The plants are of medium size and bear good crops. Pkg. 25c; ½ oz. 65c; oz. \$1.10

## DANDELION

One package of seed will sow 100 feet of row.

**Improved Thick-Leaved.** A splendid salad plant. This variety has large, thick leaves and is a valuable plant for "greens" in the early spring. Some prefer to tie the leaves together over the head to blanch it and then eat it like Endive. Sow seed in good loam, drills 1 foot apart; thin or transplant to 1 foot apart in rows. Ready to eat in 60 days. Pkg. 15c; ¼ oz. 45c; oz. \$1.35

**Italian Dandelion.** You will find this on page 32 listed under Chicory. It is a rapid growing salad plant whose Dandelion-like leaves are used as early greens. The leaves and flower shoots are very tender and have a faint Asparagus flavor. They may be cut several times during a season. Pkg. 15c; ½ oz. 45c; oz. 75c; ¼ lb. \$2.25

## ENDIVE *is Easily Grown*

One of the best salads for fall and winter use, for garnishing and flavoring soups and stews. Sow in shallow drills, 15 inches apart; thin plants to 1 foot apart. For early use, sow in April; for late use, in June or July. When full grown, tie outer leaves together over center to blanch the heart. Cover fresh plants every few days for a succession. One package of seed will sow 50 feet of row; 1 ounce 300 feet.

**Full Heart Batavian.** (Escarole). Broad, twisted and waved, bright deep green leaves with thick, nearly white midribs. The inner leaves form a fairly solid clustering head which blanches to a beautiful white; crisp and tender. Unsurpassed for salads. Ready in 90 days. Pkg. 15c; ½ oz. 25c; oz. 40c; ¼ lb. 95c

**Green Curled Green Ribbed.** Ready in 65 days. Rich green leaves are very finely cut giving the plants a feathery appearance. The 15-inch heads blanch easily to pure white and have a most delicious, crisp, refreshing flavor. Pkg. 15c; ½ oz. 25c; oz. 40c; ¼ lb. 95c

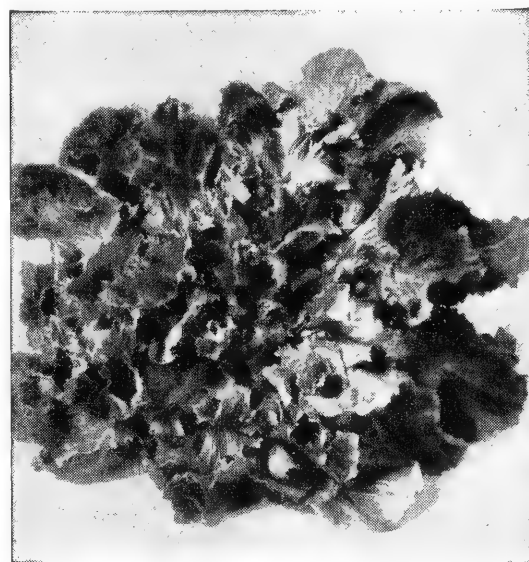
**Witloof Chicory or "French Endive."** A salad plant of unusual and very delicate flavor that you can grow easily from seed. You will find growing directions on page 32 under Chicory, Witloof or French Endive. Pkg. 25c; ½ oz. 55c; oz. 85c; ¼ lb. \$2.45



This is Dwarf Blue Curled Kale

## Fennel

**Florence** (Finocchio). Grown in home and market garden, and produces a bulb at the surface of the ground of aromatic and Anise-like flavor. The stalks are eaten like Celery, raw or creamed. Sow the seed in rows 20 inches apart and thin plants to 10 inches apart; blanch by drawing up the earth. Pkg. 15c; oz. 40c; ¼ lb. 95c



Full Heart Batavian Endive or Escarole

## KALE *is Rich in Vitamins*

Use for greens and garnishing. The tender young shoots branching from the stalks make very delicious greens or may be cut up to be eaten raw in salads and sandwiches. Hardier than Cabbage and is improved by frost. Sow the seed in the garden in early spring for large fully grown plants. Sow in July for those small tender leaves to use in the fall and winter. Sow seeds ½ inch deep in rows 2 to 3 feet apart. Thin plants to stand 12 inches apart in the row. Package of seed will sow 50 feet of row; 1 ounce 300 feet.

**Dwarf Blue Curled.** Bluish green foliage of unusually high quality. The plants are hardy, compact in habit, and produce an enormous amount of foliage, used both for eating and for table decoration. Pkg. 15c; oz. 40c; ¼ lb. \$1.15

Plant diseases are nearly always encouraged by dampness and darkness. Keep out of the garden on damp, cloudy days, when your clothing may brush against plants and help spread disease.

Leaf crops for salads are best harvested in the cool of the day and should be protected from drying out by wrapping in a damp cloth or putting them immediately into the vegetable compartment in your refrigerator. Salad crops picked when slightly wilted do not regain the same crispness and flavor as when picked moist with dew.

## Hart & Vick's KOHLRABI

An edible bulb that grows above ground and combines the good qualities of Cabbage and Turnips. Kohlrabi is tender and delicious, and can be cooked in many ways. Sow seed early in spring, in rows 1½ feet apart, and thin to 4 inches. Make two sowings 10 days apart in the early spring, and again in July for a full crop. Matures in 10 to 12 weeks.

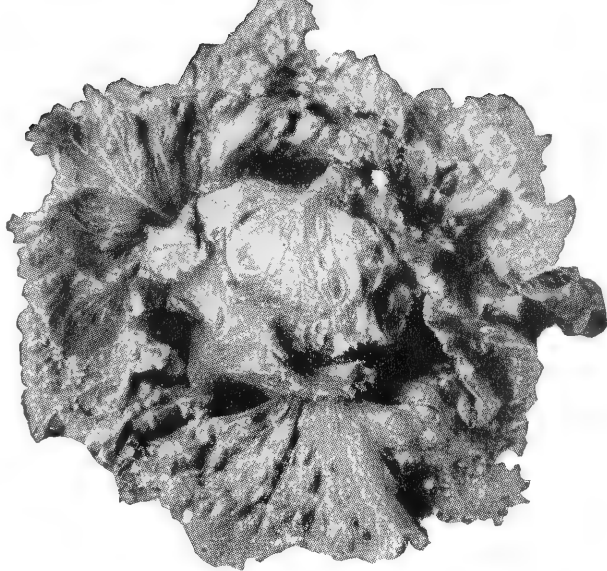
One package of seed will sow 40 feet of row; one ounce 300 feet.

**Early White Vienna.** The standard for market, table, or forcing. The flesh is white, tender, and has a greenish white skin. Pkg. 15c; ½ oz. 35c; oz. 65c; ¼ lb. \$1.65



White Vienna Kohlrabi





Premier Great Lakes—A New Iceberg Lettuce for Your Garden

## LOOSE-LEAF KINDS

**Black-Seeded Simpson.** This curly, thin-leaved, loose-heading variety is one of the best for sowing outdoors where a tender leaf is desired. Leaves extremely tender, ruffled, and of an attractive light yellowish green. It retains its excellent quality a long time.

Pkg. 15c; oz. 40c; ¼ lb. 95c

**Grand Rapids.** Our Special Strain of larger, stronger, lighter green and extremely curled. A very popular variety with market gardeners. It is of very quick growth, hardy, little liable to rot, and stays in condition several days after being ready to cut. A loose-leaved variety with bright green, crimped leaves that will not wilt quickly after cutting.

**Oak Leaf.** Ready in 40 days. A unique variety with rich dark green, tender leaves of unusual form. Very decorative and of high quality. Easily grown all season as it is very resistant to hot weather. We have just found this Lettuce described in Vick's illustrated Magazine for December, 1879.

Pkg. 15c; ½ oz. 30c; oz. 50c

**Prizehead.** A very early quick growing kind. Probably the most tender of all Lettuces. The broad crumpled and frilled leaves are tinged and edged with red. Very popular home garden variety.

Pkg. 15c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25

**Salad Bowl.** Developed by Dr. Ross G. Thompson, U.S.D.A. Station, Beltsville, Md. A loose-leaf kind that is very well named, for a head fills a salad bowl with a perfect rosette of rich green and very decorative leaves. The leaves are short, closely set, waved and notched. They hold their tenderness, flavor and quality over a long period. A splendid Lettuce for your garden. Don't miss having a row of it growing this season.

Pkg. 20c; ½ oz. 35c; oz. 65c

**Slobolt.** A new leaf Lettuce that will not go to seed for a long time, even in hot summer weather, so can be used 2 to 3 weeks longer than any other kinds. The ideal leaf Lettuce for home gardeners. Leaves long, fresh green in color, ruffled and frilled edges and very tender and sweet.

Pkg. 15c; ½ oz. 35c; oz. 65c; ¼ lb. \$2.25

Gardeners in the warmer parts of the country sometimes have poor luck growing Lettuce during the hottest part of the summer. Here's why: Lettuce seed contains an opening which closes tight in temperatures above 77 degrees. The moisture cannot get into the seed and it don't sprout. Good germination can be had, however, by mixing a quart of sand with a package of seed and storing it in your refrigerator for a day or two before you sow it.

Salad Bowl Lettuce



# LETTUCE

Lettuce, to be at its best, should grow rapidly. Soil should be made as rich as possible by fertilizing and thorough preparation. For main garden crop, sow seed outdoors in a warm spot in the garden, as early in spring as possible, in rows 18 inches apart. The way to raise good heads of Lettuce is to thin them out when they are 1 inch high so that they will stand 18 inches apart in the row. Fresh Lettuce can be had all season by sowing at intervals of two weeks.

One package of seed will sow 50 feet of row; one ounce about 300 feet.

## BUTTERHEAD and CRISPHEAD KINDS

**Big Boston.** Plants are hardy, vigorous, sure-heading and stand for a long time before seeding. The heads are large and very compact. When stripped of the outer leaves, they show creamy white, crisp, cool and tender.

Pkg. 10c; oz. 35c; ¼ lb. \$1.15

**Crisp as Ice.** Small dark green heads covered with brown tinted crumpled leaves. This kind does not get bitter in hot weather. This is an old favorite kind with professional private gardeners. We have listed it for nearly 40 years to please these professional growers who really know what they want.

Pkg. 15c; ½ oz. 35c; oz. 55c

**Cornell No. 456.** Very popular with commercial Lettuce growers. Produces solid heads during periods of high temperature when Imperial No. 44 will not do so well and is also more resistant to tip-burn. A good head Lettuce to grow during July and August. Requires moisture to do its best.

Pkg. 15c; ½ oz. 35c; oz. 65c; ¼ lb. \$2.25

**Early May King.** The earliest of all head Lettuces, and especially good for the home garden. Heads are light green, tinged with brown; inner leaves rich golden yellow, crisp and tender with a delicate buttery flavor. A splendid home garden kind and also forces well under glass.

Pkg. 15c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25

**Great Lakes.** A popular kind with commercial Lettuce growers. Plants are large, dark green in color, heads solid, sweet and crisp. Stands a long time before bolting to seed and is very resistant to tip-burn.

Pkg. 15c; ½ oz. 35c; oz. 65c; ¼ lb. \$2.25

**Premier Great Lakes. Bronze Medal, All-America 1949.** An early and distinct strain of Great Lakes and valuable on this account. Large, dark green leaves and large, uniform and solid, slow bolting heads, weighing up to two pounds. Resistant to tip-burn and recommended for upland growing. It is the best early Iceberg type Lettuce for your garden.

Pkg. 15c; ½ oz. 35c; oz. 65c; ¼ lb. \$2.25

**White Boston (Large Frame Type).** A solid-headed Lettuce with a tightly folded heart that blanches to a bright creamy yellow color. Resembles Big Boston, but does not have the red tinge of that variety. We supply seed of this Lettuce to many commercial Lettuce growers. It is as fine a strain of White Boston as there is in the country.

Pkg. 15c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25

## Cos or Romaine Lettuce

**Dark Green Cos.** Good sized head of rich dark green. Not as good as Trianon for the home garden.

Pkg. 15c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.40

**Trianon Self-Folding Light Green.** This differs from the ordinary Lettuce in the shape of leaves, which are spoon-shaped and very crisp. It is served in the better restaurants and hotels as "Romaine Salad."

Pkg. 15c; oz. 35c; ¼ lb. \$1.15

## LEEK

Long, thick white stemmed, onion-like plant that forms no bulb. Bleached by hilling with earth it is much relished by the Italian people in soups and salads. More delicate in flavor than Onions when boiled. Sow the seed in the garden as early as possible. The roots you don't use in the fall may be carried over winter by hilling them up with dust.

**Elephant.** Larger and thicker pure white stems than American Flag. Tender, mild and of delicious flavor.

Pkg. 15c; ½ oz. 40c; oz. 75c

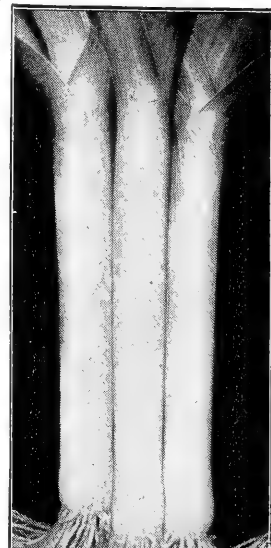


Cos Lettuce

Oak Leaf Lettuce



[38]



Leek



Borage



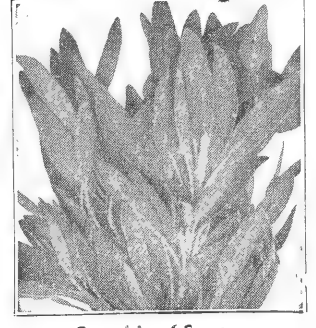
Basil



Sweet Marjoram



Mammoth Dill



Broad Leaf Sage

# HERBS FOR YOUR GARDEN

Sweet, Pot and Medicinal

Grow a few Herbs in your garden. You will find them useful in many ways. They do best in a rich, mellow soil. Sow seeds early in the spring, in rows 1 foot apart, and thin out or transplant when up a few inches. For winter storing, cut before they come into full blossom and hang up where they can dry.

**Anise.** Used for garnishing and flavoring. The seeds are used in cakes, bread, soup. Perennial. 18 inches high. Pkg. 25c

**Basil.** The pleasant clovelike flavor of the leaves and flowers is a delightful addition to all Tomato cookery, as well as to salads and soups. The leaves and flowers may be cut and dried for winter use. Sow the seed outdoors where the plants are to remain. Grows 18 inches tall and branches profusely. Pkg. 15c; 1/2 oz. 40c; oz. 75c

**Borage.** An annual used for bee-pasture and as a pot-herb. Pkg. 15c; 1/2 oz. 35c; oz. 60c

**Lavender.** *Lavandula vera.* Hardy plant bearing lavender-blue flowers often dried and placed with linens, etc., to impart fragrance. Pkg. 25c; 1/4 oz. 55c; 1/2 oz. 85c

**Sage, Broad Leaf.** An important flavoring for meats, dressings, sausages and cheese. A perennial whose seed is sown in the spring or may be increased by cuttings or plants. Cut the leaves before the last of September, dry and store in jars for winter use. Pkg. 15c; 1/4 oz. 35c; oz. \$1.00

**Dill, Long Island Mammoth.** The seed heads are cut at the time the seeds begin to ripen and are used in the making of "dill" pickles. Sow seeds outdoors as early as possible 1/2 inch deep. Thin to stand 8 inches apart in the row. The leaves and flowers are used for flavoring soups and fish. Pkg. 10c; oz. 25c; 1/4 lb. 75c

**Coriander.** For garnishing.

Pkg. 15c; 1/4 oz. 30c

**Savory, Summer.** Used in cooked dishes and in meats and dressings. Sow seed in poor soil, in the garden, in early spring. The aromatic qualities are more pronounced when grown in poor soil. Gather the stems and leaves in midsummer and dry for winter use. Pkg. 15c; 1/2 oz. 40c; oz. 75c

**Sweet Marjoram.** Used for seasoning sausages and in other dishes, when either fresh or dried. Very rapid growing, the leaves may be used 6 to 8 weeks from time of planting. This is a biennial treated as an annual that makes a bushy plant 2 feet high. Pkg. 15c; 1/4 oz. 40c

**Thyme, Broad-Leaved.** Well known perennial plant used for seasoning poultry and fish. Protect the plants over winter. Pkg. 25c; 1/4 oz. 65c; oz. \$1.85

## Mangels and Sugar Beets

No crops are more valuable for feeding cattle and sheep than Mangels and Sugar Beets. In these past few years it is hard to find a dairyman who does not feed them. The average yield is 45 tons to the acre. They are easily harvested, not a particle of waste to them, and may be stored in pit and root cellar with little trouble. Sow 8 pounds to the acre in May or June, in drills 2 feet apart, and thin to 10 inches in the row. One ounce will sow a 100-foot row; 6 to 8 lbs. to the acre.

**Giant Double Sugar Green Top.** Contains more sugar than any other. Large, oval; grow half out of ground. Heavy yielder. White, red tops. Pkg. 10c; oz. 20c; 1/4 lb. 45c; lb. \$1.25

**Long Red.** These long giant Mangels are light red and smooth, and grow well out of the ground, making the digging easier. Splendid for feeding and keep well. Pkg. 10c; oz. 20c; 1/4 lb. 45c; lb. \$1.25

**Golden Tankard.** Large, long, thick, spindle-shaped roots; light gray tinged with brown above the ground, yellow below. Flesh of good quality and high in food value. Very easily harvested. Pkg. 10c; oz. 20c; 1/4 lb. 45c; lb. \$1.25

## Mushroom Spawn

Crumpled Tobacco Stem Spawn is easier to handle and much more certain in results than older types. The vigor of this spawn, the moisture retaining ability, the complete coverage of each particle with active spawn and the fact that tobacco stems are less attractive to insects produce a spawn that is more resistant to adverse conditions. It will produce the finest white mushrooms much more rapidly. 1/2 pound will spawn 35 square feet of bed. Pkg. that will plant about 10 sq. ft., 50c; 1/2 lb. \$1.50; lb. \$2.85; 5 lbs. \$13.25, prepaid to you. Full directions for growing mushrooms are sent with each order.

## Okra or Gumbo

The pods are used in making soups and stews. Cut up, they give them flavor and body. Pick the pods when they are small and tender. When the ground is warm in the spring sow the seed in the garden. Thin the plants to stand about 2 feet apart. A package of seed will sow about 20 feet.

**Long Pod Dwarf.** A very good kind for the home garden as the plants are much more compact growing and take up less room. Very heavy bearer of 7- to 8-inch, tapered, dark green, fleshy, tender pods. Mature in 55 days. Pkg. 15c; oz. 35c; 1/4 lb. 75c

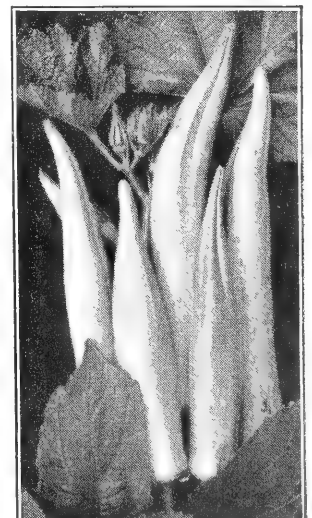
## Mustard

**Long Standing** (Southern Curled). An early maturing bright green, broad, large, curled-leaf variety of mild and pleasing flavor. Highly nutritious and may be eaten as a salad or cooked. Sow the seed in the early spring and every 10 days until hot weather. For fall use sow seed several times in succession beginning in mid-August. Thin to stand 6 inches apart. A package of seed will sow 15 feet of row. Pkg. 15c; oz. 35c; 1/4 lb. 75c

You get the same high quality seed in these garden size packages as we furnish the commercial grower of flowers and vegetables whose living depends on the quality of the seed he sows.



Mushrooms



Long Pod Okra



Long Red Mangel



Long Standing Curled Mustard

# MUSKMELONS

One package of seed will sow  
15 hills; 1 ounce 80 hills;  
2 to 3 pounds an acre.

Plant Muskmelon seed in a warm, sunny spot after all danger of frost is past, in rich, sandy loam if possible, in hills 6 feet apart each way, placing 6 to 8 seeds in a hill and covering with about an inch of fine soil firmly pressed down; thin out to 4 plants to the hill. Cultivate frequently. When vines are 12 to 18 inches long, pinch tips to make them branch, and spray frequently with Cuke and Melon Dust for striped beetle. Grown the same as Cucumbers, see page 36 for cultural directions.

Cover the hills when the seed is planted or the young plants, if you transplant them from pots with Hotkaps. It will make earlier fruit.

**Bender's Surprise.** (95 days.) An orange-fleshed, deliciously sweet, highly flavored Melon; oval in shape, light green with coarse netting. A wonderful keeper and shipper. Very popular with and valuable for market gardeners. Our strain of Bender's is very fine.

Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.45

**Delicious.** (85 days.) A Melon that ripens very early and is of good size and splendid quality. The flesh is firm, thick, deep orange-yellow, very sweet and delicious. We recommend this Melon for both the home and market garden. It ripens 10 days earlier than Bender's.

Pkg. 25c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$1.65

**Golden Delight.** Bronze Medal Winner, All-America Selections, 1952. 86 days. Large open netted Melon 5 to 7 inches long and 4 to 5 inches through, with firm, thick, salmon-colored flesh. Musky flavored and of very high quality. A splendid Melon for the garden and for market.

Pkg. 25c; 1/2 oz. 45c; oz. 75c

**Hearts of Gold.** We offer the large type. Thick, tender, juicy sweet flesh, just the flavor you will like. Melons round as a ball, heavily netted. Weigh about 3 lbs. Vines strong, and yield many fruits. Our customers say it's a winner. Ripens in 90 days.

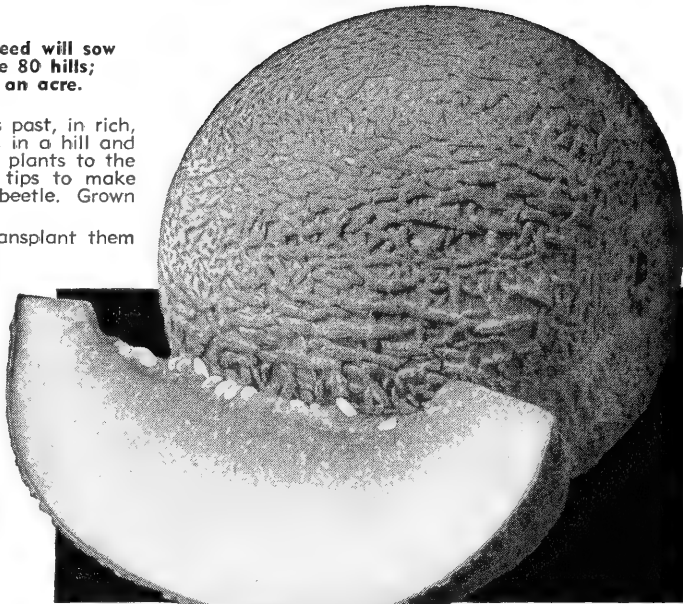
Pkg. 10c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.25

**Irondequoit.** A fine yellow-fleshed Melon introduced by James Vick in 1889. Vines are very productive. Melons are large, excellently shaped, distinctly ribbed and netted. The flesh is solid, very thick, with a very small seed cavity, rich salmon-yellow, sweet and of a most delicious flavor. 86 days.

Pkg. 20c; 1/2 oz. 40c; oz. 70c; 1/4 lb. \$1.85

**Queen of Colorado** (Pride of Wisconsin.) A splendid new Melon for the home garden and for market. The salmon flesh is very thick, leaving but little seed cavity. Flavor is exceptionally good, sweet and delicious. A very good shipping variety. 86 days.

Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.45



Golden Delight

**Iroquois.** Is slightly oval in shape, heavily netted, very uniform in size. Most of the fruits weigh between five and six pounds. The flesh is orange-yellow in color, very thick, and outstanding in its sweetness, flavor and quality. Vine very vigorous growing and a most prolific bearer. We recommend Iroquois to all gardeners whether they are going to grow it for their own use or for selling on the market. Ripens in about 95 days.

Pkg. 20c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$1.65

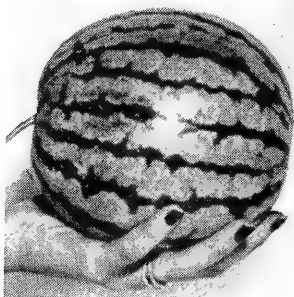
Before you plant our Muskmelon seed treat it with Spergon. It combats fungus, protects it from rotting in the ground, increases germination, makes stronger plants and better yields. 2 ounces will treat several pounds of seed.

1 oz. 25c; 5 ozs. \$1.00

## WATERMELONS

1 package of seed will sow 10 hills; 2 to 3 pounds an acre.

### TWO NEW WATERMELONS



**The Seedless Watermelon.** This new, round, 10- to 15-pound Melon with its clear green skin, without stripes, and its rich reddish pink flesh, extra sweet and flavorful, will be a welcome addition to your garden. Follow directions for sowing the seed very carefully.

Pkg. of seed 75c

**New Hampshire Midget.** Small, "ice-box" size Melons, 6x7 inches. Striped and of tender rind. Sweet, juicy and of a most delicious flavor. Very early. Ripe fruit 70 days after you sow the seed. Was originated at the University of New Hampshire and ripens on the vine very nicely in that northern state. Vigorous heavy bearing vines. The seed we offer you is of the true New Hampshire Midget.

Pkg. of seed 20c; oz. 55c; 1/4 lb. \$1.65

New Larger Fruited Iroquois Muskmelon  
Developed by Dr. Henry Munger  
of Cornell University, Ithaca, N. Y.

**Dixie Queen.** Here is a Melon, popular in the Watermelon country in the South, but one that can be grown very successfully here in the North, as it matures in 85 days. Very large, often weighing 40 to 50 lbs., nearly round, light green striped darker green. Deep pink flesh, thick crisp and of splendid flavor. White seeds.

Pkg. 15c; oz. 40c; 1/4 lb. \$1.10

**Honey Cream.** Best Medium-Sized Watermelon for Northern Gardens. Medium size, nearly round Melons with light green skin, striped darker green. The flesh is cream-yellow, firm and delicious in flavor. A very fine Watermelon for your garden, and one that fits the modern refrigerator. Ready to eat in 82 days from seed planting.

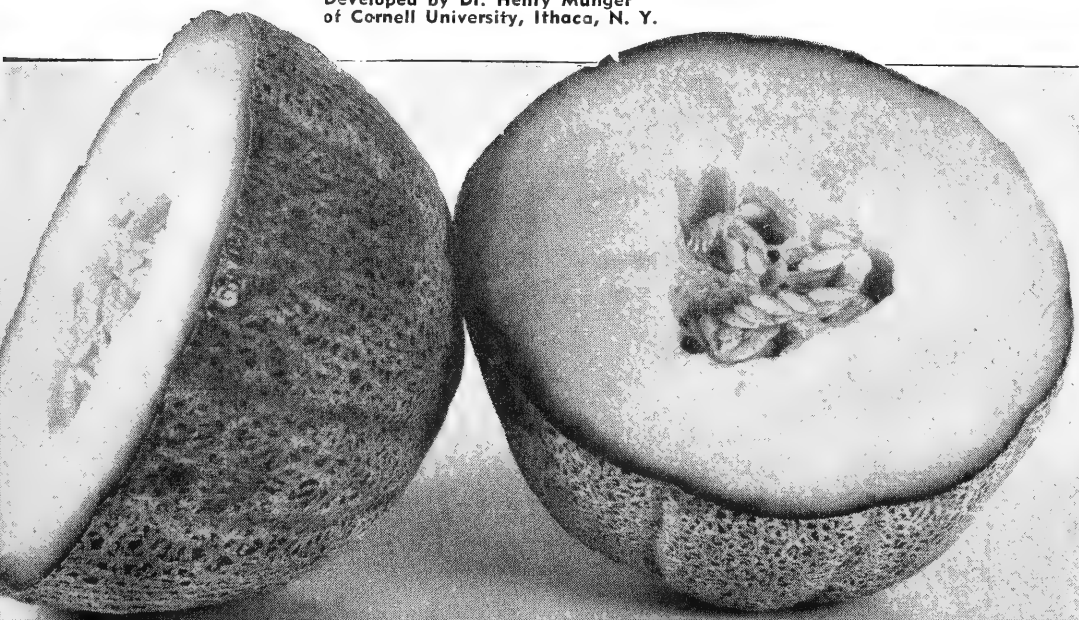
Pkg. 20c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$1.75

**Wondermelon.** (Improved Kleckley's Sweet.) Best large long Melon for the North. This variety has made a reputation for itself in the southern states, and in the past few years has been grown extensively in the North. The skin is dark green with lighter green patches; rind is very thin; flesh is deep pink with small seed cavity. Seeds are white. 85 days.

Pkg. 10c; oz. 30c; 1/4 lb. 95c

**Citron for Preserves.** Medium sized fruits used in preserves and pickling. Ripens in the fall and can be kept in good condition a long time. 95 days.

Pkg. 15c; oz. 30c; 1/4 lb. 75c



### HOTKAPS Make Earlier Melons

HOTKAPS, like miniature greenhouses, keep out water and insects, promote sturdier growth and bring plants to maturity weeks earlier.



25 Hotkaps with setter \$0.95; ppd. \$1.10  
100 Hotkaps with setter 3.15; ppd. 3.35  
250 Hotkaps with setter 5.90; ppd. 6.20

### HOTENTS Are Much Larger Hotkaps

Miniature hothouses made of heavy waxed KAPS—10 1/2 x 14 1/2 x 8 1/2. Give the plant plenty of room to grow in. Protect against wind, hard rain, bugs and frost. Makes earlier and better vegetables. Postpaid to you.

50 for \$2.75; 100 for \$4.85



# ONIONS FROM PLANTS-SEEDS-SETS

## FROM PLANTS

### Grow Giant Sweet Spanish Onions in Your Garden

Large Spanish Onions, mild, sweet and solid, are easily grown in ordinary garden soil from these Yellow Sweet Spanish Onion plants. Set them out 4 inches apart in rows 15 inches apart. Fertilize and water well.

A bundle contains from 60 to 110 plants. 2 bundles \$1.00; 5 bundles \$2.25; 10 bundles \$3.75, prepaid to you.

Crate of 60 bunches \$10.00, not prepaid.

Please remember we do not guarantee the number of plants per bundle, and all orders are taken with this understanding. We sell by the bundle, not by number of plants.



Here is the way the plants come to you, tied in a bundle. Trim an inch or two off the tops and set them out 2 inches deep and 4 inches apart.

In the fall you harvest these large and mild Sweet Spanish Onions.

Cool, dry storage, such as an attic, where the temperature is never high, and still never freezes, can be used for Onions. These store best in a dry place at temperature of 32 to 36 degrees.

Mild, Sweet and Tender Sweet Spanish Onions



## FROM SEED

As early in the spring as possible, sow the seed in rich soil in rows 10 to 15 inches apart, covering one-half inch deep and firming earth well down. When plants are well started, cultivate and weed. Thin to 3 inches apart in the rows as spring Onions are required for the table. When bulbs are full grown bend over the tops to hurry ripening before harvesting. Store in a cool frost-proof place.

One package of seed will sow 25 feet of row; 1 ounce 200 feet; 4 to 5 pounds an acre.

**Danvers Yellow Globe.** Fairly large in size, uniformly globe-shaped, with small neck, and ripens very evenly. Skin is rich coppery yellow. The creamy white flesh is crisp, mild, and excellently flavored. Keeps well.

Pkg. 10c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.45

**Early Yellow Globe.** Early, large, globe-shaped, and good color. Flesh pure white, very mild in flavor, sweet, juicy. The bulbs keep well, and are very popular with commercial Onion growers in New York State.

Pkg. 15c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.45

**Ebenezer or Japanese Onion.** Yellow skin; white, crisp, tender, mild flesh. Bulbs flat; good keeper.

Pkg. 10c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.45

**Brigham Yellow Globe.** The bulbs are large, heavy, slightly deeper than broad. Skin is rich orange-yellow; the flesh snowy white, firm and mild in flavor. Brigham Yellow Globe is valuable for both home and market gardeners.

Pkg. 15c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.45

**Iowa 44.** Matures shortly after Early Yellow Globe. Medium size round bulbs with a thick outer skin and firm, solid and mild flesh. Very uniform in shape, size and color.

Pkg. 15c; 1/2 oz. 30c; oz. 55c; 1/4 lb. \$1.85

**Southport White Globe.** Flesh is white, remarkably firm and solid. Very attractive when cooked.

Pkg. 15c; 1/2 oz. 30c; oz. 55c; 1/4 lb. \$1.85

**Southport Red Globe.** A handsome red Onion; very large and uniformly globe-shaped. Skin is smooth, flesh white with tinge of purple. An excellent keeper.

Pkg. 15c; 1/2 oz. 30c; oz. 55c; 1/4 lb. \$1.85

**Yellow Sweet Spanish. (Utah Strain.)**

This very large Onion runs about 4 inches in diameter, is heavy, of true globe shape, with a golden colored skin and pure white flesh of mild, sweet flavor. This variety requires a longer season to mature than other kinds.

Pkg. 15c; 1/2 oz. 35c; oz. 65c; 1/4 lb. \$2.25

**Hardy Bunching.** A splendid kind to sow for "scallions" or green Onions. Seed sown in the spring produces in the early fall, long, smooth, white, mild Onions in clusters of from four to five to a single plant. Seed sown in July or early August will produce "scallions" or mild "green onions" very early the next spring. Protect in severe climates with a mulch of straw or leaves.

Pkg. 15c; 1/2 oz. 30c; oz. 55c; 1/4 lb. \$1.85

**White Portugal.** If you like mild, tender, crisp, snow-white spring Onions, that you can pull early in the spring, or those small white Onions for pickling, this is a mighty good kind to plant.

Pkg. 15c; 1/2 oz. 30c; oz. 55c; 1/4 lb. \$1.85

If you grow Onions for market, either on muck or on upland, write us about it and ask for our Grower's Catalog. We are Onion Seed Specialists.

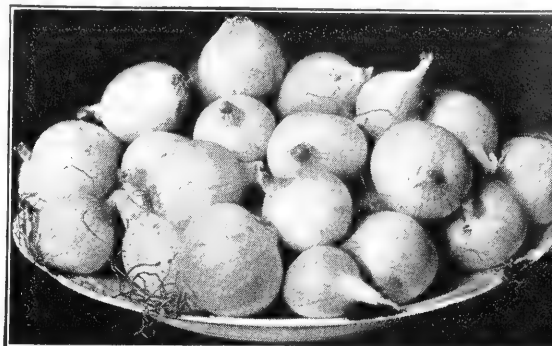
## FROM SETS

This is an easy way to grow very early "Green Spring Onions" and the mature large Onions for summer, fall and winter table use. Put these sets out early in the spring 2 inches apart in the row, cover 1 inch deep.

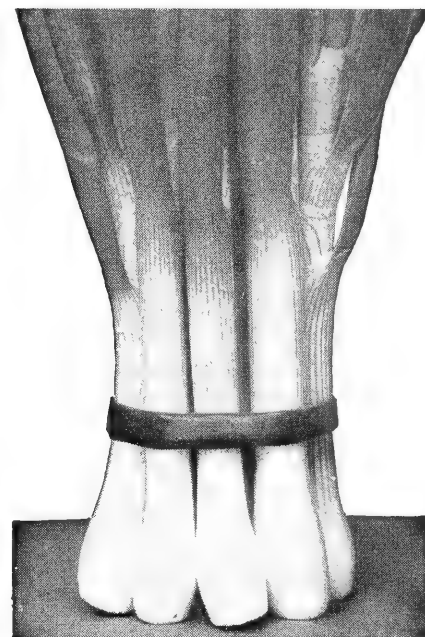
**Ebenezer Yellow Sets.** Make splendid, tender "Spring Onions" and large, flat winter keeping Onions of very high quality.

**Silverskin White Sets.** Splendid for green "Spring Onions" or large, flat fall bulbs.

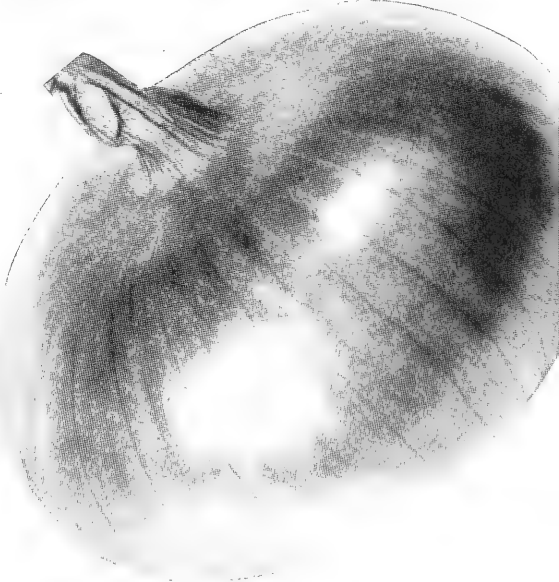
Lb. 50c; 2 lbs. 85c; 5 lbs. \$1.85; 10 lbs. \$3.35, postpaid to you.

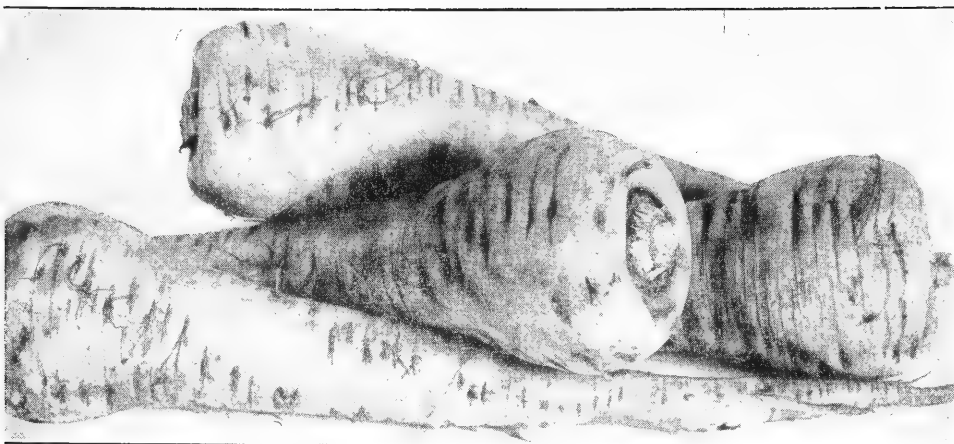


PLANT THESE SETS EARLY IN THE SPRING If you like "Green Spring Onions," pull them when they are like the plants below



Or thin them out to stand 4 inches apart and leave them in the ground where they will make large Onions to store away for winter use.





## PARSNIPS

Parsnips do best in rich, deep soil. Sow early in drills 2 feet apart; cover one-half inch deep and press soil firmly. Thin to 4 inches apart in the rows. Cultivate freely. The quality is improved by leaving them in the ground for frost to strike them, as they are perfectly hardy, or they may be stored for winter use. One package of seed will sow 25 feet of row; 1 ounce, 150 feet.

**Model.** Smooth, clean, evenly tapered roots of an attractive creamy white color. Not quite as broad shouldered as the old Hollow Crown, a little longer, less abrupt taper. A good kind for your garden and for the man who grows vegetables for a living.  
Pkg. 15c; oz. 40c; 1/4 lb. \$1.00

Use Vermiculite to grow your plants in. It's light, clean and sterile, no fungous diseases, no damping off. It will grow strong plants with splendid roots. See page 54.

## HART & VICK'S PARSLEY

Used for garnishing and seasoning soups and stews. Sow seed early in spring, in rows a foot apart, covering one-half inch deep with the soil pressed down; thin plants to 8 inches apart in the row. The seed is slow in germinating. Frequent cutting of the leaves will greatly improve the new growth. One package of seed will sow 35 feet of row; 1 ounce, 200 feet.

**Champion Moss Curled.** A vigorous sort with dark green, finely cut, curled leaves. Good for home and market garden.

Pkg. 10c; oz. 30c; 1/4 lb. 85c

**Turnip-Rooted or Hamburg.** The roots, which are the edible part, are used for flavoring soups and stews. They resemble a small Parsnip, in both color and shape.

Pkg. 15c; oz. 35c; 1/4 lb. 95c

**Plain-Leaved Parsley.** Smooth, dark green leaves known as Italian Parsley and used for flavoring. Pkg. 10c; oz. 30c; 1/4 lb. 85c

**Paramount.** Dark green, triple curled, very uniform in habit of growth. Stem 5 inches long, leaves triangular, 7 inches long, 4 inches across base. A great home garden and market Parsley. Pkg. 15c; oz. 35c; 1/4 lb. 95c



Paramount Parsley

Dry Parsley leaves and keep them in a fruit jar. Use them for flavoring soups and stews during the winter.

## HART & VICK'S PEPPERS

Peppers are used largely for seasoning meat and vegetable dishes, as well as for salads and mangoes; also used for making chow-chow and chili sauce. Culture same as for eggplant. Sow seed early in hotbed; transplant when danger of frost is over, into rows about 2 ft. apart, plants 2 ft. apart in the rows. One package of seed will produce 150 plants; 1 ounce, 1200 plants. All red Peppers are green before they are ripe and turn red or scarlet.

### SWEET PEPPERS

**California Wonder.** (72 days.) The fruit is very large, heavy, and of splendid quality. A medium-early kind. We recommend Early Wonder or Calwonder in place of this kind, for northern gardens.

Pkg. 15c; 1/4 oz. 35c; oz. 95c

**Calwonder.** Ready to use in 63 days. Large fruits 4 1/2 inches long and 4 inches thick, with thick, sweet meat that is very mild. Skin is smooth, dark green and very attractive. Plants are low and bushy, and set very heavy crops.

Pkg. 15c; 1/4 oz. 35c; oz. 95c

**Early Wonder.** Are earlier than California Wonder. Medium to large, blocky fruit with very thick, meaty walls. Starts bearing early and continues over a long season. 63 days.

Pkg. 15c; 1/4 oz. 35c; oz. 95c

**Golden California Wonder.** Ready in 76 days. Large, blocky, golden yellow Peppers with extra thick, sweet flesh. The plants are vigorous in growth and bear heavily the green fruit that ripens to a golden yellow. You can use the fruit either when it is green or when they turn yellow. Splendid when "stuffed."

Pkg. 20c; 1/4 oz. 45c; oz. \$1.25

**King of the North.** Large, dark green fruit, turning a rich red when ripe. The flesh is thick, mild and sweet. Plants are vigorous growing and heavy bearers. A splendid kind both for home garden and for market. 65 days.

Pkg. 15c; 1/4 oz. 40c; oz. \$1.15

When gathering Peppers cut them with a knife, leaving a short piece of stem rather than run the risk of injuring the plant by pulling them off.

### HOT PEPPERS

**Giant Cayenne.** One of the best hot Peppers. The fruit is 3 inches long and 1 inch through, being much larger than the old Cayenne Pepper, and the fruit is equally pungent. Ripens very early, wonderfully prolific. 70 days.

Pkg. 15c; 1/4 oz. 35c; oz. 95c

**Hungarian Wax.** An early, very productive Hot Pepper 8 inches long and 1 1/2 inches thick. Flesh thick and very hot. Skin dark green, turning bright yellow then red when ripe.

Pkg. 15c; 1/4 oz. 35c; oz. 95c

**Pennwonder.** The dwarf and stocky plants bear heavy crops of thick meated, blocky fruit from early in the season until well along in the fall. This is a dark green fruit turning bright red when ripe and always sweet and mild. A splendid Pepper to grow here in the North.

Pkg. 20c; 1/4 oz. 45c; oz. \$1.25

**Sweet Roumanian.** An attractive yellow kind producing fruit 4 1/2 inches long and 2 inches through at the shoulder. Pick when light waxy yellow in color, they become scarlet when ripe. The flesh is sweet but the ribs are slightly pungent.

Pkg. 20c; 1/4 oz. 45c; oz. \$1.25

**Vinedale.** All-America Bronze Medal 1952. Developed by Prof. O. J. Robb, Vineland Sta., Ont., Canada. Bears early in the season, very attractive fruits 4 by 2 in. with blunt ends and thick walls. Flesh thick and sweet.

Pkg. 20c; 1/4 oz. 45c; oz. \$1.25

**Worldbeater** (Ruby Giant). The fruits are extra large, bright glossy red, sweet and mild in flavor. Flesh is thick, with small seed cavity and can be sliced thinner than most varieties. Extra good for home gardens and is a desirable market sort. Matures in 70 days.

Pkg. 15c; 1/4 oz. 35c; oz. 95c

**Large Bell or Bullnose.** A large, bright crimson Pepper with thick, hot flesh of excellent quality. It is early and ripens uniformly. 55 days.

Pkg. 15c; 1/4 oz. 35c; oz. 95c

**Hot Portugal.** Large, long, pointed Peppers, 6 inches in length and 2 inches through. Bright red color when ripe, thick flesh is fiery hot. The plant strong, upright in growth, holding the fruit well up from the ground. A produce of very big crops

Pkg. 15c; 1/4 oz. 35c; oz. 95c

## SUNFLOWER

**Mammoth Russian.** Grows immense heads often 18 to 20 inches in diameter and produces more seed than any other variety. Stalks grow 10 feet high. Seed is striped, plump with a thin shell. A valuable food for chickens and parrots.

Pkg., 10c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$1.85



# GARDEN PEAS

From our own experience and from results obtained in the gardens of our customers, we offer you these ten kinds of Peas for both the home and the market garden.

Sow the seed just as early in the spring as possible for the best growing time is in cool weather. Plant the seed of early, medium season and late Peas at the same time rather than three successive plantings of one kind. Sow the seed 2 inches apart, 2 inches deep, in rows 2 feet apart. Treat the seed with Nitragin. It helps make greater yields. A package of seed sows a row about 30 feet long; 1 pound 300 feet. One pint weighs 1 pound.

★ The star before the variety name indicates that it is a good kind to freeze for food locker storage.

## ★ **FREEZONIAN** All-America Bronze Medal Winner for 1948 Takes the place of Thos. Laxton

62 days. A new early wilt-resistant kind that freezes particularly well. The blunt 3- to 3½-inch, very dark pods are filled with 6 to 8 large, luscious Peas that have a tender, clinging skin that doesn't peel or loosen in freezing and are borne in abundance on thrifty vines that grow 30 inches tall. Mature at the same time as the old favorite, Thomas Laxton, but is a better Pea in many ways. Pkg. 15c; ½ lb. 35c; lb. 65c; 5 lbs. \$2.55

## ★ **LITTLE MARVEL** More Pods to the Plant Than Any Other Kind

63 days. An excellent early, dwarf, wrinkled Pea for market and home garden. It produces more small pods of medium to small Peas to the vine than any other variety except Wando, and they are of very fine quality. Height 18 inches. Pkg. 10c; ½ lb. 30c; lb. 55c; 5 lbs. \$2.35

## ★ **MID-SEASON GIANT** A Large-Podded Pea That is Excellent for Freezing

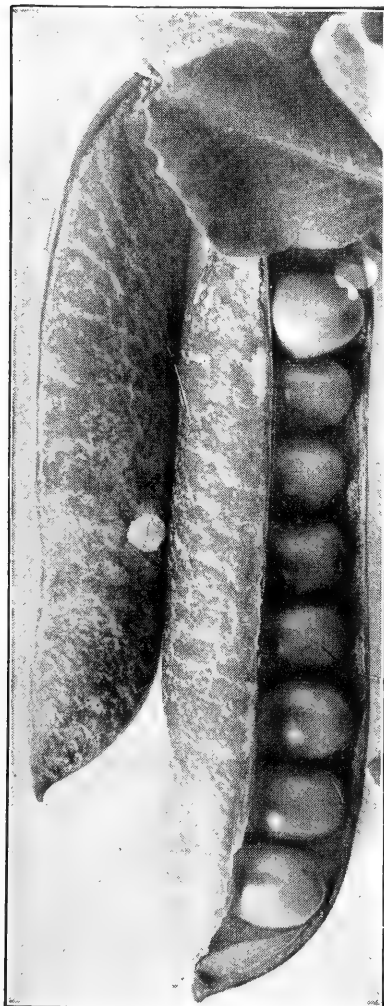
Ready in 75 days. Very sturdy vine, 2 to 2½ feet tall. Bears dependably, dark green, pointed pods, about 5 inches long, containing 8 or 9 large, plump Peas of good quality. Vine wilt-resistant. Pkg. 15c; ½ lb. 35c; lb. 65c; 5 lbs. \$2.55

## ★ **MORSE'S PROGRESS** Larger and Stronger Growing Than Laxton's Progress. Splendid Variety

Matures in 60 days. A new variety suited to both the home garden and to market where a large-podded, low-growing, early bearing variety is wanted. The 4½-inch pods are very dark green in color and are uniformly well filled with large, plump Peas of splendid quality. Resistant to Fusarium Wilt. This is one of the very best Peas in your garden. Pkg. 10c; ½ lb. 30c; lb. 55c; 5 lbs. \$2.35

## ★ **TELEPHONE, DARK GREEN-PODDED (Alderman)**

72 days. The standard main-crop variety that has held its popularity for nearly 40 years, and is a favorite with market gardeners both at home and abroad. The vines grow about 5 feet high and crop is ready for use in 72 days. The pods are extremely large, attractive bright green, and filled from end to end with large, tender Peas which are sweet flavored and of excellent quality. A wilt-resistant variety. A splendid Pea for quick freezing and canning. Pkg. 10c; ½ lb. 35c; lb. 60c; 5 lbs. \$2.45



Morse's Progress Peas—large pods, top quality, ready to eat in 60 days

## ★ **VICTORY FREEZER**

All-America Bronze Medal for 1948. A splendid new Pea for the garden and for freezing. Ready to pick in 67 days just after Little Marvel and before the tall and low growing Telephone Peas are ready. The strong 28-inch plants don't require support and bear dependably heavy crops of tender Peas of unusually fine flavor. This variety has been bred for its freezing qualities. It is one of the very best for this purpose. Pkg. 15c; ½ lb. 35c; lb. 65c; 5 lbs., \$2.35

## **WORLD'S RECORD**

This is the Best, Early, Sweet, Wrinkled, Large-Podded Pea Ready to eat in 58 days. A splendid kind both for home garden and for market. Plant grows 24 inches high, bearing a big crop of long 3½-inch dark green pods filled with large, tender and very sweet Peas. A wilt-resistant variety. Pkg. 15c; ½ lb. 35c; lb. 65c; 5 lbs. \$2.55

## **EDIBLE-PODDED PEAS**

**MELTING SUGAR.** The most popular kind. Vines grow 5 feet high and are very productive. Peas are fleshy, tender, broad and blunt-ended, sweet and delicious. Pick the pods when young and cook like snap Beans. Pkg. 15c; ½ lb. 35c; lb. 65c; 5 lbs. \$2.35

## **All-Season Pea Collection**

These four splendid kinds planted as soon as the ground is warm will provide you with delicious quality Peas during the entire Pea season.

**WORLD'S RECORD.** Early.

**FREEZONIAN.** Second early.

**WANDO.** Midseason.

**MIDSEASON GIANT.** Late.

**COLLECTION OFFER:** ½ pound of each kind, four

½-lb. pkgs. for \$1.25. One pound of each kind, four

1-lb. pkgs. for \$2.25. Postpaid to you.

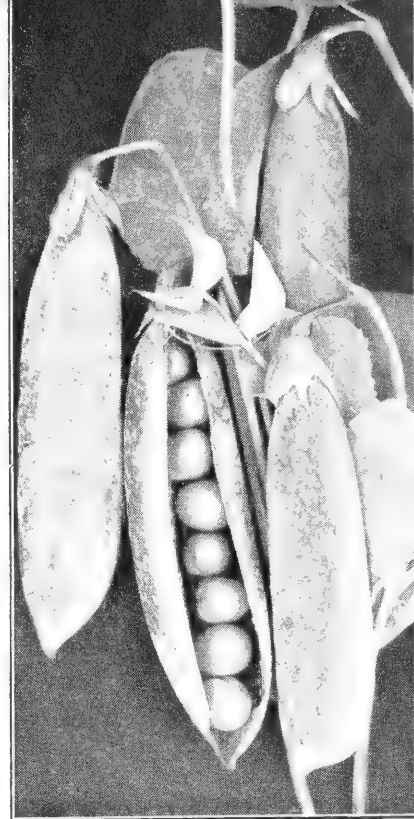
## **Ready-to-Use Containers for Frozen Peas**

A carton made from strong, sterile paperboard, coated inside and out with a thermoplastic compound, providing moisture-vapor protection. Requires no auxiliary wraps or tags to insure complete protection.

**1-Pint Size**—Case of 25 ..... \$1.25

**1-Quart Size**—Case of 25 ..... 1.50

Postpaid for an additional 15c per case.

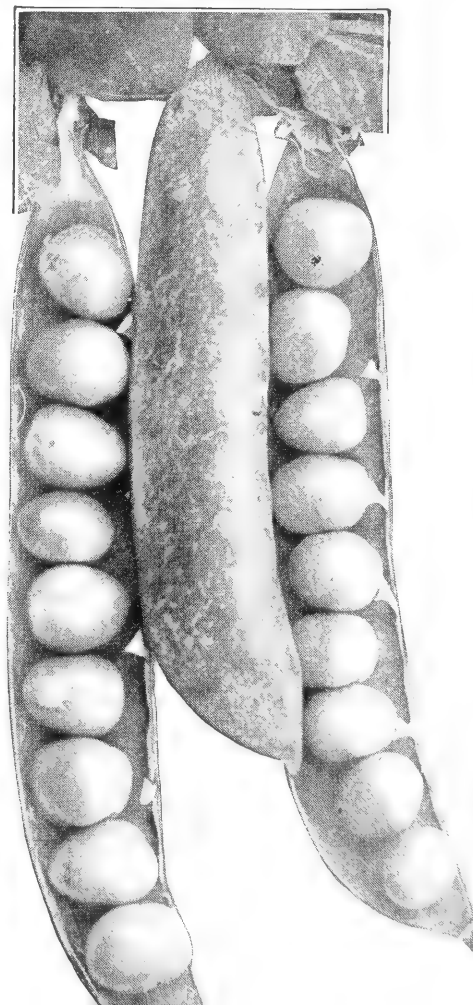


Wando Peas—All summer long

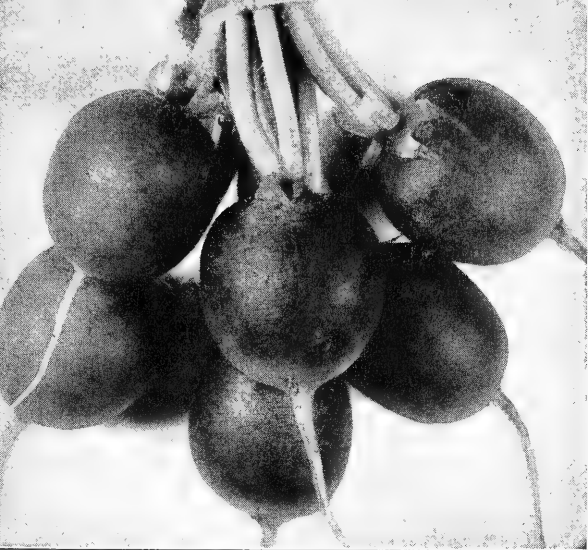
## **WANDO** Will Bear a Crop of Peas During Hot Weather

68 days. You can sow seed of Wando right through the month of June and the plants will bear crops of Peas even in the hottest weather. The vines grow 30 inches tall, are very thrifty but certainly don't require trellising. The dark green pods are of medium size, blunt ended and filled with 7 to 8 Peas of excellent quality. Give this new Pea a place in your garden this year. You can pick fresh Peas from the garden right through the summer. Pkg. 15c; ½ lb. 35c; lb. 65c; 5 lbs. \$2.55

## **Midseason Giant—a very popular variety**







Vick's Early Scarlet Globe Radishes

**Cherry Belle.** A new bright red, globe-shaped Radish with mild, crisp white flesh. Our trials in the greenhouse have shown it very satisfactory when forced. It has also done well out-of-doors in the gardens of several of our friends. It will not become pithy as soon as many other kinds.

Pkg. 15c; oz. 35c; 1/4 lb. 95c



Radish—Icicle

**Sparkler.** A quick growing variety of deep scarlet color, with a distinct white tip that makes it very attractive. The flesh of this Radish is pure white, crisp, tender and delicious.

Pkg. 10c; oz. 25c; 1/4 lb. 60c

**Vick's Early Scarlet Globe.** Our strain of this Radish for the home and market garden is very fine. It is a strain we can recommend to both market and home garden growers, for it runs very uniform. Vick's Scarlet Globe is the best all-around Radish on the market. Tops are medium long and very strong. Bulbs of our strain are uniformly true olive-shaped, rich scarlet; flesh pure white, crisp, tender, juicy, mild.

Pkg. 10c; oz. 30c; 1/4 lb. 75c

## FALL and WINTER RADISHES

These Radishes are not intended to be eaten like the spring sorts but should be sliced, salted down 15 minutes, drained, and then served without further dressing, when they are as tender as you could wish any Radish to be. Sow in May and then every 2 weeks. The October crop should be stored in sand for use in winter.

**California Mammoth White.** Extra large, long roots; clear white flesh of excellent quality. Most mild of the winter kinds. Ready in 60 days.

Pkg. 10c; oz. 30c; 1/4 lb. 75c

**Round Black Spanish.** Good specimens are almost round and measure 3 to 4 inches through. Skin black; flesh white, solid and of fine flavor.

Pkg. 15c; oz. 35c; 1/4 lb. 85c

## SALSIFY - Vegetable Oyster

One of the most desirable winter vegetables. The roots, when cooked, have a flavor similar to oysters, are very palatable and nutritious, and are served in a variety of ways. Salsify succeeds best in a light, well-enriched soil. Sow early and quite deep, giving the general culture recommended for Parsnips. While the roots are hardy and may remain out-of-doors all winter, they are more accessible when dug in the fall and stored in moist sand in a cool cellar or in a root house.

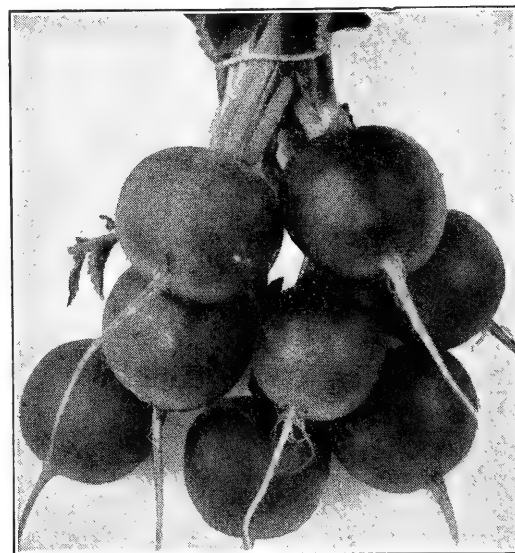
A package of seed sows a 20-foot row; 1 ounce 75 feet.

**Mammoth Sandwich Island.** This variety is large and strong growing, with long, smooth, white, tapering roots, and is less liable to branch than the other sorts. The tops are grassy. It is valuable for market gardeners' use.

Pkg. 15c; 1/2 oz. 30c; oz. 55c; 1/4 lb. \$1.65



Salsify



Radish, Cherry Belle

Sow a few rows of Radish in your garden late in August. You will enjoy them very much in the fall of the year.



Sugar or New England Pumpkin

## PUMPKINS

One package of seed will sow 8 hills; one ounce 40 hills; 3 lbs. an acre.

**Sugar or New England Pie.** For making pies, this variety cannot be excelled. The Pumpkins are small, nearly round, yellow, and very smooth. Flesh light yellow, very thick and sweet, and finely flavored. A splendid kind to grow for market as it ripens early and bears heavily.

Pkg. 10c; oz. 25c; 1/4 lb. 65c

**Connecticut Field.** Sometimes called "Big Tom." This is the very large kind that is used for feeding cattle. It's too coarse for pies but is canned commercially.

Pkg. 10c; oz. 25c; 1/4 lb. 65c

**Orange Winter Luxury.** Vines productive of small, slightly oval Pumpkins, golden russet in color, with fine nettings. Flesh is golden yellow, very thick and of the finest quality. Grows about twice as large as the Sugar Pumpkin and keeps well in storage. Splendid for pies.

Pkg. 10c; oz. 25c; 1/4 lb. 65c

# RADISHES

One package of seed will sow 20 feet of row; 1 ounce 75 feet.

This is another vegetable that loses about half its flavor if not eaten within a very short time after it is taken from the ground. Radishes wilt like flowers and many other vegetables and lose their fresh crispness and juicy delicate flavor. You cannot know how really good Radishes are if you haven't gone out in the garden in the early morning and pulled a few for your breakfast.

For forcing sow in hotbed or under glass in rich, sandy loam. Scatter 50 to 100 seeds to the foot, and cover with one-fourth inch of soil sifted on. Sow in garden as early as possible in rows about 1 foot apart, covering 1/2 inch deep, and thin to prevent crowding. A good dressing of nitrate of soda will greatly help their growth and make them tender and crisp. Successive sowings every week or ten days will keep your table well supplied the entire season.

**Cavalier.** Brilliant scarlet, olive-shaped, very uniform in size and shape. Quick growing and with short tops. Flesh solid, crisp, mild and pure white. The bulbs are olive in shape, very uniform and remain a long time before becoming pithy. Cavalier is a most reliable Radish for the back yard garden, for growing commercially on the muck lands and for greenhouse forcing. Repeated tests have proved that the strain of seed we are growing is at least equal to any in this country or in Europe.

Pkg. 10c; oz. 30c; 1/4 lb. 75c

**Comet.** An early kind, ready in 25 days. Round, solid, bright scarlet. This crisp, white, mild and tender Radish is unsurpassed as a home garden kind. Vick's Scarlet Globe is the best olive-shaped variety; Comet the best round Radish. We had both Comet and Vick's Early Scarlet Globe in our garden last season and both lived up to the splendid reputation they have as tops in the garden varieties.

Pkg. 10c; oz. 30c; 1/4 lb. 75c

**Icicle. (Short-Top Strain.)** A very attractive pure white Radish, the earliest of the long, white summer sorts, distinct in flavor, very mild and extremely tender. One of the most desirable varieties for outdoor summer planting for the home garden and market.

Pkg. 10c; oz. 30c; 1/4 lb. 75c

**Long Season Radish Mixture.**

A mixture of many kinds described here. Early, midseason and late maturing varieties. Pull them as they get ready to eat.

1/2-oz. pkg. 20c; oz. 35c; 1/4 lb. 95c

# SPINACH



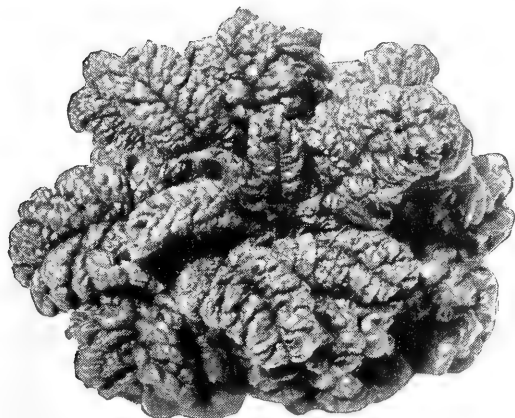
Special Summer Savoy Spinach

## Special Summer Savoy

A Very Good Kind for Home Freezing

Large, thick, crumpled, dark green leaves held well off the ground by strong growing plants that stand longer before going to seed than other kinds. A mighty good Spinach for the home garden for it can be cut for the table for a very long time. Especially good when sown in the spring. Ready in 40 days.

Pkg. 10c; oz. 20c; 1/4 lb. 50c



New America Spinach

Dust Spinach seed, before you plant it, with Arasan. It protects the seed against many organisms which cause rot, reduces damping off, and increases germination.

3/4 oz. 25c. Will treat several pounds of seed.



Fordhook  
Giant  
Swiss  
Chard

No plant makes more palatable and nutritious greens than Spinach. For spring and summer use, sow the seed in drills 1 foot apart and 1 inch deep as early as the ground can be worked, and make successive sowings every 2 weeks up to May 15th. Thin the plants to stand 6 inches apart in the row. For fall use sow the seed in early August; for spring use sow about September 1st. Keep Spinach well cultivated and water liberally during dry weather.

One package of seed will sow 25 feet of row; 1 ounce 75 feet.

**America.** Silver Medal Winner All-America Selections 1952. Very thick, real glossy, dark green, crumpled and blistered leaf plant. Stand longer before going to seed and is heavier yielding than other kinds. You can start cutting it for the table in 50 days after you sow the seed and it will stand in the garden and not go to seed for another 25 days. This gives you a very long harvesting season of large plants of excellent quality.

Pkg. 15c; oz. 30c; 1/4 lb. 65c

**\*Blight-Resistant Savoy.** 42 days. Plant this variety in the fall. We do not recommend it for spring as it goes to seed more quickly than most kinds during hot weather. This strain we offer here is almost as curled as Long Standing Bloomsdale. The savoyed and crumpled large dark green leaves of upright growth make it a splendid variety for both home and market.

Pkg. 10c; oz. 20c; 1/4 lb. 50c

**Old Dominion. Blight-Resistant.** A typical "long-standing" Spinach with large, dark green, thick, crumpled leaves. Seed may be sown in the spring for summer cutting, or in the late fall for an early spring crop. The fact that it is of fine quality and long standing make it extremely desirable for commercial growers and for home gardeners. Ready in 40 days.

Pkg. 10c; oz. 20c; 1/4 lb. 50c

**\*Long-Standing Bloomsdale Savoy.** A very early variety, and one of the best and most popular to plant in the home garden and for market. It is an upright grower with thick, glossy, dark green leaves, broad and crumpled, like Savoy Cabbage. Very hardy, rapid grower, standing longer before going to seed than many other kinds. Ready in 48 days.

Pkg. 10c; oz. 20c; 1/4 lb. 50c

**Viking.** 45 days. Large, slightly crumpled, round, heavy dark green leaves that grow very rapidly and make exceptionally large plants very early in the season. A long-standing kind that does not bolt to seed quickly and produces Spinach of very excellent quality for a long time. This is a mighty good Spinach for the home garden as well as the commercial grower.

Pkg. 10c; oz. 20c; 1/4 lb. 50c

## NEW ZEALAND SPINACH

The Cut-and-Come-Again Spinach That Yields Continuously All Season Long

Unlike the true Spinach, it thrives during hot weather and in any soil, rich or poor. The tender shoots are of splendid quality, and may be cut throughout the entire summer. If you have never grown this great green, it will pay you to try it this season. Gardeners all over the country are loud in their praise of it. Both the rich green, fleshy leaves and the stems are of the finest quality when cooked. Plant three or four seeds in hills 2 feet apart each way. Sow the seed very early in the spring before the ground warms up or in the fall just before it freezes,

Pkg. 15c; oz. 35c; 1/4 lb. 85c

### HOW TO GROW WINTER SQUASH

Sow the seed when the ground is warm and danger of frost has passed. Plant in groups that are 6 feet apart, the seeds planted 3 inches apart, 6 to the group, and 1 inch deep. Thin to 4 strong plants. Spray and dust to prevent injury from fungous disease and from insects. Seed of these winter kinds should be sown 10 days later than the summer varieties. A package of seed will make 5 hills, an ounce 15 hills.

## SWISS CHARD

Sow the seed when the ground is warm, in rows 18 inches apart, cover with 1/2 inch of soil. Thin to stand 10 inches apart in the row. Seed planted early in spring will produce plants from which cuttings may be made all summer. Just break off the leaves and stems as they get large enough to use and new ones will start up and make very rapid growth. A short row of Swiss Chard is generally all that the average family needs to supply its wants.

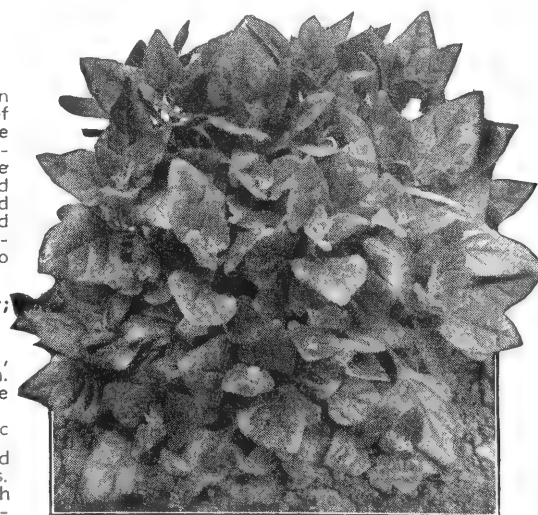
A package of seed will make a 15-foot row; 1 ounce 50 feet.

**\* Fordhook Giant.** Large, crumpled, thick, fleshy leaves, 10 in. wide and 24 in. long. The quality of both leaf and wide white midrib is excellent.

Pkg. 10c; oz. 35c; 1/4 lb. 85c

**Ruby.** Bright red stems and midribs, and crumpled, dark green leaves with red veins. Has an unusual flavor and is popular with some gardeners. Leaves and stalks are sometimes used in floral arrangements.

Pkg. 15c; oz. 45c



New Zealand Spinach Will Give an Abundance of "Greens" from Early Summer Until Frost

## SORREL - SOUR GRASS

**Narrow Leaf.** 60 days. Long, narrow, pale green leaves that are eaten boiled and served up like Spinach, in soups and salads. Ready to cut two months after planting. It is hardy but should be divided every four years.

Pkg. 15c; 1/2 oz. 40c; oz. 70c; 1/4 lb. \$1.95

If the soil in your garden is a heavy clay loam or hard and discouraging to garden in, why don't you try treating the toughest portion of it with Krilium. This modern soil conditioner is the greatest thing ever offered to those trying to make a garden in heavy soil. See page 22 of this book.

# WINTER SQUASH

Cultural Directions are on the preceding page.

**Blue Hubbard.** Most Popular on the Market. Here is a Hubbard Squash of gray-blue color whose meat is thicker, of better quality, and keeps longer than the original Hubbard. It will pay you to try it in your garden. Pkg. 10c; oz. 35c; 1/4 lb. \$1.15

**Buttercup.** Productive—High Quality. No doubt one of the highest quality, most deliciously flavored winter Squashes. Medium small, averaging 3 to 5 pounds. Dark green with prominent "button." Flesh yellow, exceptionally thick, dry, sweet and never stringy. Don't fail to try this new Squash. It's a great favorite whenever test: are made for quality. Pkg. 15c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.35

**Butternut.** A splendid new winter Squash, whose medium size fruits are of a yellowish brown color and bottle-shaped. Outer shell is smooth and hard. Flesh is clear yellow, fine textured, dry, sweet, and of very excellent flavor. An unusually large proportion of this Squash is edible as the seed cavity is so small. Gardeners tell us that the vines are very seldom bothered by the Squash borer. Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.65

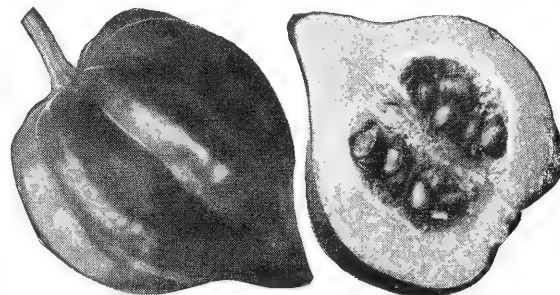
**Delicious.** The meat is so dry and fine grained that it greatly resembles that of a good Sweet Potato. Delicious does not grow as large as Hubbard, usually weighing from 5 to 10 lbs., but is very heavy, as the orange colored flesh is so thick that there is but very little seed cavity in the center. A splendid winter keeper and one you should grow in the garden. Pkg. 10c; oz. 35c; 1/4 lb. \$1.15

**Golden Delicious.** The fruit is of medium size, weighing from 5 to 10 pounds, skin orange-yellow; the flesh thick, fine grained, dry, and of fairly good quality. Plant is strong growing and a most prolific bearer. Pkg. 10c; oz. 35c; 1/4 lb. \$1.15

**Golden or Red Hubbard.** Medium size, weighing from 6 to 8 pounds; in shape like the Hubbard. Long keepers and can be held in good condition for spring use. The flesh is deep orange-red, dry, fine grained and richly flavored. Pkg. 10c; oz. 35c; 1/4 lb. \$1.15



Buttercup is a long-keeping Squash of top quality



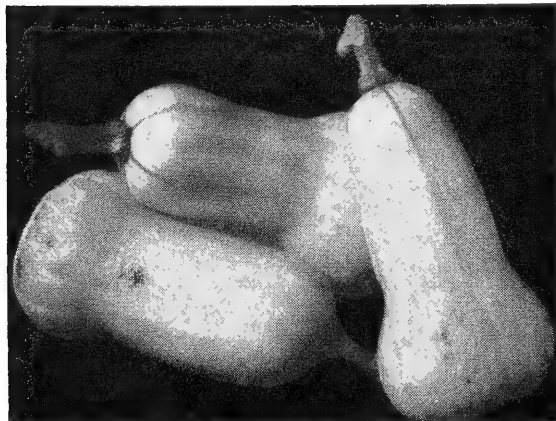
Mammoth Table Queen

**Hubbard.** Very productive. The fruits are large, heavy and moderately warted, with a very hard shell; skin dark bronze-green; flesh bright orange-yellow, fine grained, thick, dry and richly flavored. Can be kept in good condition until spring. Pkg. 10c; oz. 35c; 1/4 lb. \$1.00.

**Royal Acorn (Mammoth Table Queen).** 25% larger than the older variety. People who have tried this Squash claim its quality superior to that of any other. It is about the size of a coconut, 7 1/2 inches long and 6 inches through, thin-skinned, with thick meat, dry and mealy. To cook, cut in half, place a lump of butter on one half, top with the other, and then bake whole. Half a Squash serves one person. An enormous yield—a few hills will supply a good sized family. Best when allowed to mature, when the shell is hard. Keeps well all winter. Pkg. 10c; oz. 35c; 1/4 lb. \$1.00

**Table Queen.** (Des Moines, Queen Ann, Acorn.) The well known and very popular "individual" Squash shaped like an acorn. The fruit is about 5 inches long and 4 inches across, deeply ribbed with dark green skin and thick orange flesh that cooks deliciously dry and sweet, and is never stringy. Keeps well all winter. Pkg. 10c; oz. 35c; 1/4 lb. \$1.00

**Uconn. Gold Medal 1950. Bush Type Table Queen.** Don't have the sharp ridges of Acorn. Early, heavy bearer. Two purpose. The miniature fruits can be picked during early growing season and eaten boiled whole; fruits that set later leave on the vine until frost and use as winter Squash. Rich, meaty, delicious flavor. Keeps a long time. Pkg. 15c; 1/2 oz. 25c; oz. 50c; 1/4 lb. \$1.75



Butternut—Its Popularity is Increasing Rapidly as More People Get to Know It

# SUMMER SQUASH

Many of these varieties of Summer Squash may be planted with the hills rather close together, about 3 or 4 feet each way, as the plants do not make runners but are of bush form. Keep the fruit closely picked as it matures and it will bear all season long. A package of seed will make 12 hills, 6 seeds to the hill; one ounce 35 hills.

**Caserta.** Gold Medal Winner 1949, All-America Selections. The plant is bush type, no long runners, and you can have many plants in a small area. The fruits, often thirty to the plant, are cylindrical in shape, with very little taper. At their best eating stage when 6 to 7 inches long and 1 to 1 1/2 inches through. At maturity they will get to be 15 to 18 inches long and 5 inches through. They are very uniform in size and shape, and of an attractive fresh green color. Pkg. 15c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.15

**Cocozelle.** Italian Vegetable Marrow. The Long Type. Compact, bushy growing plants that take up little space in the garden. They bear fine crops of oblong, dark green fruits that are at their best when picked for the table when 5 inches long. Cut in small pieces and creamed, sliced and fried, or used as a salad, it is very delicious. Plant in hills in May and every 2 weeks until July. Ready in 65 days. Pkg. 10c; oz. 35c; 1/4 lb. \$1.00

**Early Prolific Straightneck.** 50 days. Bush type plants that don't spread; excellent for the home garden. The fruits are smooth, straight, of delicate creamy color when only 4 to 5 inches long, and until they are 12 to 14 inches long. Early, very high quality. Pkg. 10c; oz. 30c; 1/4 lb. 95c

**Seneca Zucchini Hybrid.** Ready to eat in 50 days. Very dark green fruits uniformly long and cylindrical. Excellent quality. Plants vigorous growing, upright, bush type, taking up but little space in the garden. Pkg. 25c; 1/2 oz. 45c

**Yellow Summer Crookneck.** 50 days. The largest and one of the earliest of the crookneck summer Squashes. Vines are of bush habit, larger and more vigorous than Summer Crookneck. When mature, the fruits are often 1 1/2 to 2 feet long, with warted surface. Pkg. 10c; oz. 30c; 1/4 lb. 95c

**Yankee Hybrid Squash.** All-America Winner, 1941. 45 days. This new Squash showed up particularly well in our trials again last summer. It was the earliest kind and certainly a heavy bearer. The fruits are straight, light yellow in color, of splendid appearance and very high quality. A good kind for garden or for market. Pkg. 20c; 1/2 oz. 45c; oz. 75c; 1/4 lb. \$2.25

**Italian Climbing.** Lagenaria leucantha. Grows 3 to 5 ft. long, diameter 3 in. Attractive light green. Most popular ways to prepare: Cut in small pieces and creamed and sliced thin and fried like Eggplant, also candied like Citron and Watermelon. Pkg. 20c; 1/2 oz. 35c; oz. 65c; 1/4 lb. \$2.25



Early Prolific Straightneck—An Excellent Summer Squash for Your Garden



# TOMATOES

The number of days to maturity we give are days from setting of the plants.

**Package of seed will produce 200 plants; oz. about 8000 plants.**

**Comet.** Best for tying up on stakes and for greenhouse culture. This medium sized bright red, very smooth Tomato is rapidly growing in popularity both for home garden growing and for special market trade. In the commercial Tomato growing sections near here it is almost universally used when the plants are trained or fastened to stakes. 72 days. **Certified Seed:** Pkg. 25c; 1/4 oz. \$1.25

**Crimson Cushion or Beefsteak.** This is a late kind, taking 96 days to ripen its fruit. Set the plants out in the garden just as early as you can. Protect them from cold nights with HotKaps. Fruit is very large, round, bright scarlet, very solid flesh of good quality. Seed cells are small. **Certified Seed:** Pkg. 20c; 1/4 oz. 35c; 1/2 oz. 60c; oz. \$1.00

**ForeMost E-21.** A New Hybrid Tomato. Large, smooth, round, deep scarlet-red fruits, solid, averaging about 6 ozs. each; bright red, attractive, finely grained flesh of very high quality and a most agreeable flavor. The extremely vigorous vines do not spread as far as many kinds and are heavily productive. The uniformly sized fruit is ready to eat in 70 days and the vine retains its great vigor and continues to produce large, top quality Tomatoes right up to the end of the season. **Certified Seed:** Pkg. of 50 seeds 35c; 100 seeds 50c

**Gem.** New, Early, Heavy Bearing. The fruit is round, medium to large in size, smooth and colors up to a uniformly good, clear bright red. It's heavy, with thick walls and solid center. The quality is very good. The plant is small and compact in growth and permits close planting. Gem is heavy bearing and the fruit is easily picked. 73 days. **Certified Seed:** Pkg. 15c; 1/4 oz. 35c; 1/2 oz. 60c; oz. \$1.00

**John Baer.** Very reliable old favorite. An early scarlet-fruited variety. Fruits large, attractive in color, are nearly round, smooth, firm and of excellent quality. Vines hardy and productive. We recommend the seed of our special strain to home and market gardeners. Matures in 70 days. **Certified Seed:** Pkg. 15c; 1/4 oz. 35c; 1/2 oz. 50c; oz. 90c

**Jubilee.** Bronze Medal Winner, All-America, 1943. Large, smooth, globe-shaped, yellow-skinned fruit with thick, rich tangerine-orange colored solid flesh and attractive juice. Strong, healthy vines, very heavy bearing. A good Tomato for the home and market garden. 72 days. **Certified Seed:** Pkg. 20c; 1/4 oz. 35c; 1/2 oz. 65c; oz. \$1.15

**Longred.** New and Already Very Popular Midseason, Main Crop Variety. A large, round, bright red Tomato called Longred for its unusually long bearing season and its clear bright red color. Longred will give you Tomatoes, and a lot of them, from early midseason until the vines freeze in the fall. The fruit is solid and heavy, with thick inner and outer walls. Longred has excellent quality and we recommend it to you for eating from the plant and for canning. 77 days. **Certified Seed:** Pkg. 15c; 1/4 oz. 35c; 1/2 oz. 60c; oz. \$1.00

**Ponderosa.** Very large, solid, meaty fruit of excellent quality and almost free of acid. The huge fruits are deep pink in color, somewhat rough in shape, very mild in flavor. A late midseason kind that will ripen fruit here in the North. 83 days. **Certified Seed:** Pkg. 20c; 1/4 oz. 35c; 1/2 oz. 65c; oz. \$1.15

**Pritchard or Scarlet Topper.** Good sized, globe-shaped, scarlet fruits, smooth, solid, and very heavy. An extremely productive kind admirably suited to both the home and market garden. 75 days. **Certified Seed:** Pkg. 15c; 1/4 oz. 30c; 1/2 oz. 50c; oz. 95c

## TURNIPS

A package of seed will sow about 65 feet of row; an ounce 300 feet.

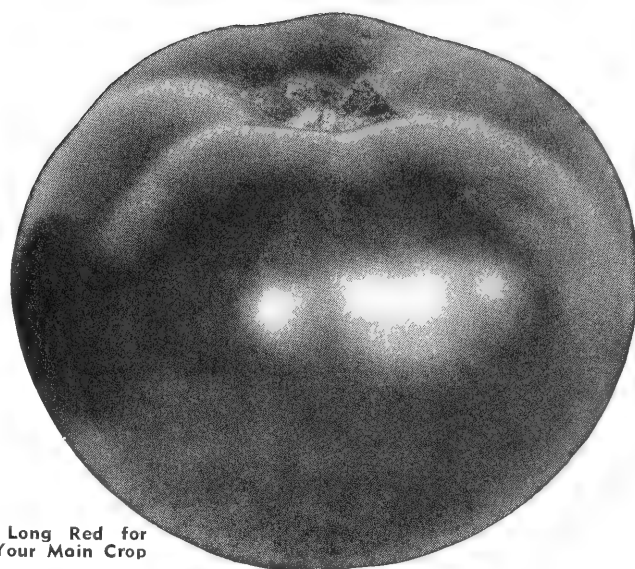
**Golden Ball or Orange Jelly.** The finest creamy yellow fleshed variety for family use. The bulb is almost round, of medium size, very smooth and free from side roots. The skin is pale yellow, flesh very fine in texture and of superlative quality and flavor. Ready to eat in 60 days. **Certified Seed:** Pkg. 10c; oz. 20c; 1/4 lb. 65c

**Purple-Top White Globe.** The most popular of the Turnips. The bulbs are nearly round, 5 to 6 inches across, creamy white with a purple-red collar. The flesh is firm, crisp and mild in flavor. Best when the bulbs are about 3 inches in diameter. The best market variety. Ready in 55 days. **Certified Seed:** Pkg. 10c; oz. 20c; 1/4 lb. 65c

**Foliage Turnip (Shogoin).** Grown mostly for its tops which are twice as abundant as the ordinary Turnip, and are used as "greens." They are very tender, mild and delicately flavored. The bulbs are pure white, thick, flattened globe shape and of good quality. Tops and roots may be cooked together if desired. **Certified Seed:** Pkg. 10c; oz. 20c; 1/4 lb. 55c

## RUTABAGA

**Improved Long Island.** Large, smooth, globe-shaped roots, bright yellow in color with rich purple collars and practically no "necks." Flesh fine grained, orange-yellow, sweet and finely flavored. Productive and will keep in splendid condition until spring. The leading kind for table use and for stock feeding. **Certified Seed:** Pkg. 10c; oz. 25c; 1/4 lb. 65c



Long Red for Your Main Crop

**Red Jacket.** New, Heavy Yielder. Ready to pick at about the same time as John Baer. Fruit is large, slightly flattened and very heavy and meaty. Of splendid quality, tops for canning but some fruits show a little roughness. The potato-leaved vine is very vigorous growing and produces tremendous crops of beautifully colored fruit. **Certified Seed:** Pkg. 15c; 1/4 oz. 35c; 1/2 oz. 60c; oz. \$1.00

**Rutgers.** Early Strain. Ripens from the inside, outwards. This means that fruit with slightly colored skin has flesh red ripe inside. This is a splendid wilt-resistant variety. Fruits are very solid, averaging about 6 ounces each. Skin smooth and fruits ripen evenly to the bloom end. Color is brilliant red. A good kind for canning and juice. 80 days. **Certified Seed:** Pkg. 20c; 1/4 oz. 35c; 1/2 oz. 60c; oz. \$1.00

**Stokesdale.** Heavy bearer, medium early. Maturing in 70 days. Deep globe-shaped fruit of medium size; very solid, fine quality and a very heavy bearer. Colors all over a deep red. Medium early. A splendid kind to can. **Certified Seed:** Pkg. 15c; 1/4 oz. 35c; 1/2 oz. 50c; oz. 95c

**Valiant.** A new early scarlet Tomato that is much smoother than Earliana, ripens over a long period of time and is a heavy producer of good quality fruits that average about 7 ounces each. The vine is spreading and vigorous, and does well in the North. Much better than Earliana which we have discontinued. Matures in 65 days. **Certified Seed:** Pkg. 15c; 1/4 oz. 30c; 1/2 oz. 50c; oz. 95c

**Victor.** A very early ripening kind with globe-shaped deep scarlet, solid-fleshed fruits of good flavor. Vines are short branching and may be set fairly close together. Matures in 66 days. **Certified Seed:** Pkg. 15c; 1/4 oz. 30c; 1/2 oz. 50c; oz. 95c

## Small Fruited Tomatoes

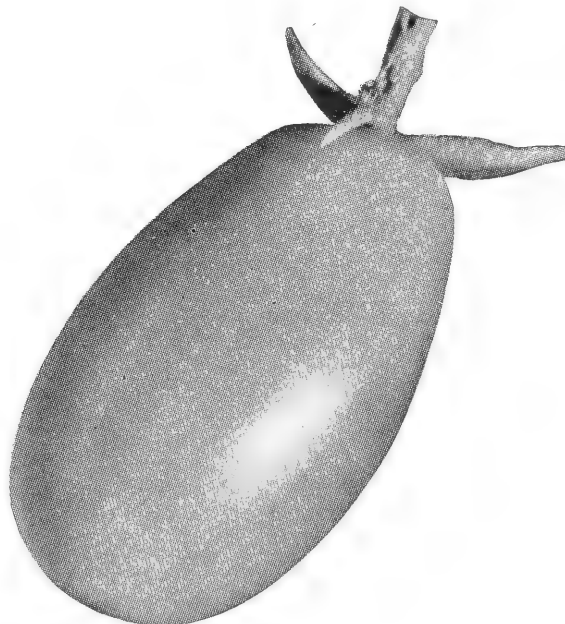
Splendid for preserves and pickles.

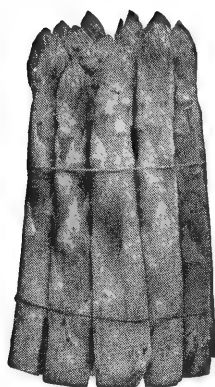
Mixture of many kinds: Pkg. 15c; 1/4 oz. 35c; oz. \$1.00

## A New Paste Tomato — Red Top

Plum shaped fruits 2 to 4 inches long and 1 1/2 in. through. Very meaty, thin-skinned, ripe fruit, both inside and outside deep red. Splendid for soups, stews, catsup, salads and canning whole. Small, compact plants bear heavily in midseason.

**Certified Seed:** Pkg. 25c; 1/4 oz. 35c; 1/2 oz. 65c; oz. \$1.15



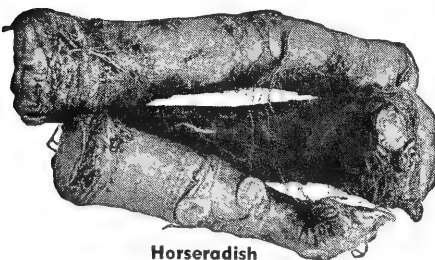


Asparagus

# Roots and Plants of Popular Vegetables

## ASPARAGUS ROOTS

**Seneca Washington.** A new strain of Washington developed here in New York State from high producing plants of Mary Washington. Seneca Washington is more vigorous than other strains of Washington and just as disease resistant. The shoots are larger, more productive, tips larger and more closed and of very high quality. Seneca Washington is very rapid growing. Makes a large root quickly and some Asparagus may be cut the year following the setting of the plants. Freshly dug, extra large, carefully graded plants, 25 for \$1.75; 100 for \$6.25, prepaid. 250 for \$9.25; 500 for \$17.85, not prepaid.



Horseradish

## HORSERADISH ROOTS

**Maliner Kren.** The true Bohemian Horseradish. Large white roots and very strong growing plants. We offer freshly dug sets or roots of the right size for planting. 6 roots for 50c; 12 for 90c; 50 for \$3.50, postpaid to you.

## SWEET SPANISH ONION PLANTS

The smart way to grow those great big, mild and sweet Onions, they are so good to eat raw, is to set out Onion plants. We offer them in bundles of about 100 plants. 2 for \$1.00; 5 for \$2.25; 10 for \$3.75, prepaid to you. See page 41. Please remember we do not guarantee the number of plants per bundle. We sell by bundle only. Directions for setting out these Onion plants are sent with every order.

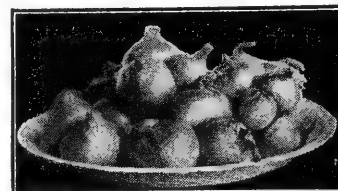
## HART & VICK'S ONION SETS

The quick way to grow "Green Spring Onions" is from these sets. Get them into the ground early.

**White Silverskin Sets.** Pure white, long, slender, very mild and tender green Onions. White sets are not keeping well in storage this winter. May not have any to fill orders with this spring. May we send you yellow sets if no Whites available?

**Prices:** Lb. 50c; 2 lbs. 85c; 5 lbs. \$1.85; 10 lbs. \$3.35, postpaid.

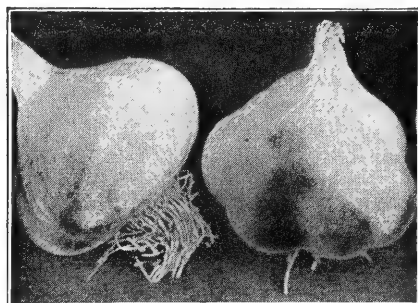
**Yellow Ebenezer Sets.** May be pulled early in the spring as "green Onions" or left in the ground to make large, flat, white-fleshed, mild-flavored Onions for fall and winter use. Good keepers.



Onion Sets

## GARLIC BULBS

Used for flavoring soups, stews, meats and salads. Easy to grow; just separate the sets into cloves and plant these cloves 6 inches apart in rows 2 feet apart. Cover with 1 inch of soil. When the tops are down take up the bulbs and dry in a shady place for winter use. Bulbs are 1/4 lb. 30c; 1/2 lb. 45c; lb. 75c, postpaid to you.



## VALENTINE RHUBARB

**A New All-Red Kind from Canada**

Newest and best of the Red Rhubarbs. Originated at the Horticultural Station at Vineland, Ontario, Canada. Combines rich flavor, high quality and vigorous growth. Sweetest of the Rhubarbs, requires the least sugar. The Dominion Station at Morden, Manitoba, in testing 25 leading kinds, reports: "Valentine sauce was rated highest. Color was an even bright red; texture, smooth and tender. Flavor was pleasing with a slightly tart after taste. All testers accorded Valentine the highest standard." For home use, in pies and for sauce Valentine leads them all. Strong divisions, 85c each; \$2.35 for 3; \$8.85 for 12, prepaid. \$16.00 for 25.



## CERTIFIED SEED POTATOES

Always plant seed potatoes that have been certified generally by a representative of the State Department of Agriculture, to be free from disease, that greatly reduces both the yield and quality of the Potatoes produced. The eyes in the Potato make the plant. Cut the tubers into pieces lengthwise of the Potato containing 1 to 2 eyes. Plant 15 inches apart in rows 32 inches apart, covering 3 inches deep. Nobby Potatoes result from continued growth of the vines under moist conditions late in the season. This is known as second growth. Peck will plant 150 feet of row; 15 bushels will plant an acre.

Write for prices on larger quantities of seed potatoes.

### CHIPPEWA

Early, Smooth White

A week later than Irish Cobbler and very popular because it is heavy yielding, makes a splendid appearance and can be grown successfully in so many places under almost all conditions of soil and weather. The tubers are somewhat flat in shape, have a smooth white skin, shallow eyes and cook white and mealy. A popular variety both in the home and market garden. **Certified Seed.**

Peck, 15 lbs. \$1.95; postpaid to you for \$2.75.

### BLISS TRIUMPH

Splendid Red Skinned  
Early Kind

Red skinned. Early, smooth Potato with very shallow eyes. The flesh is very white, mealy and it is a very good baker. Quality is very good. A very good variety for the home garden but it is susceptible to both scab and mosaic disease. **Certified Seed.**

Peck of 15 lbs. \$1.95; postpaid to you for \$2.75.

If you want us to send 15-lb. orders for potatoes to you postpaid, you must send us money to pay for the "postpaid to you" price, otherwise the potatoes will be sent to you by express.

Treat your Seed Potatoes with Semesan Bel before planting them. It controls scab, rhizoctonia and black-leg. Two ounces will take care of 7 bushels of seed; one pound 50 to 60 bushels. 2-oz. tin 50c; lb. \$2.30. See page 55.

### IRISH COBBLER

Most Popular  
Early Kind

Not a new variety but still a mighty good one. Potatoes are round, smooth, plump, have rather deep eyes. White flesh of excellent quality. Grows best on light soils and on muck.

Where this seed is grown the soil and weather conditions are ideal for seed growing and it will produce more vigorous and larger yielding plants than seed grown farther south. Peck of 15 lbs. \$1.95; postpaid to you for \$2.75.

### GREEN MOUNTAIN

Midseason—  
High Quality

Far superior to most other Potatoes for baking. For those gardeners who want mealy Potatoes, Green Mountain cannot be equaled. The rather uniformly large tubers are oblong in shape, slightly flattened and with shallow eyes. The skin is creamy white and slightly netted. **This is the quality Potato. Certified Seed.**

Peck of 15 lbs. \$1.95; prepaid to you for \$2.75.

### KATAHDIN

Rapidly Growing  
In Popularity

A late variety that is successfully grown under unfavorable conditions and in a wide variety of soils. The vines are rather thrifty growers and produce glossy white, very shallow-eyed, rather thick tubers, uniformly of good size and of splendid quality. **Certified Seed.**

Peck of 15 lbs. \$1.95; prepaid to you for \$2.75.



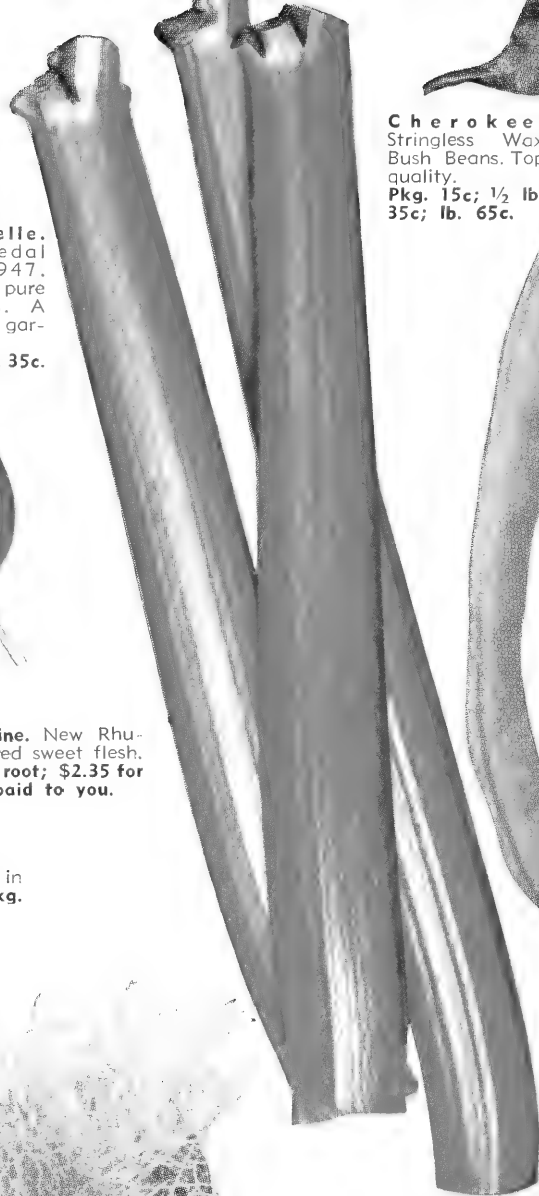
**Cherry Belle.** Bronze Medal Winner, 1947. Crisp, mild, pure white flesh. A splendid new garden Radish. Pkg. 15c; oz. 35c.



**Wando Peas.** Bear in hot weather. Pkg. 15c; 1/2 lb. 35c.



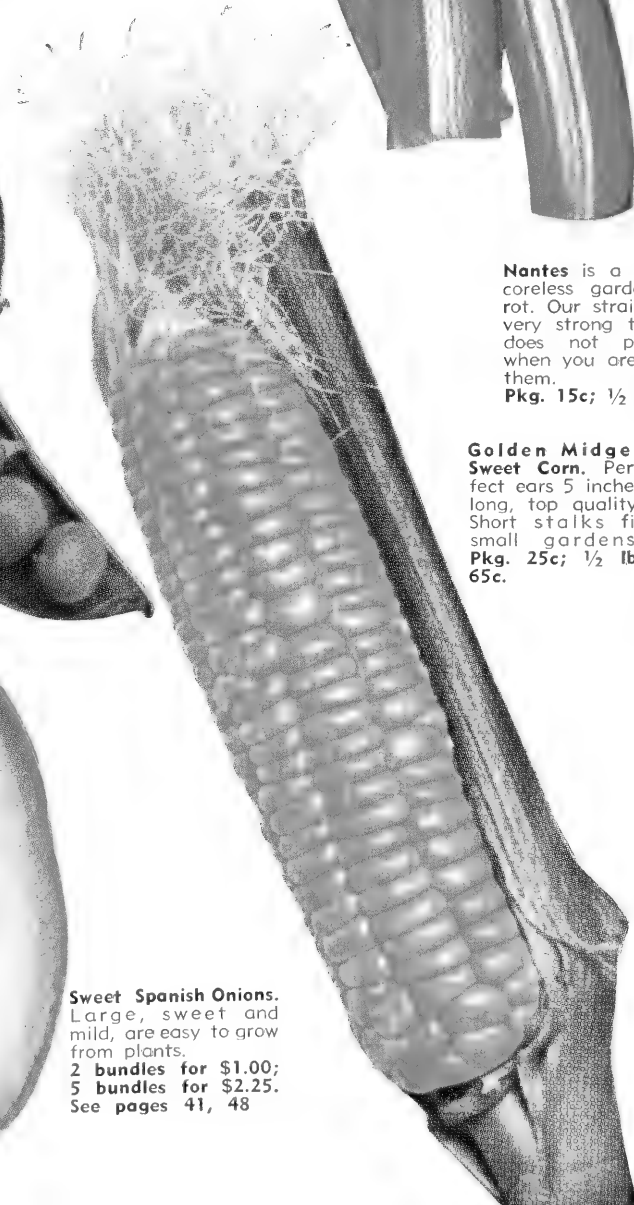
**Sweet Spanish Onions.** Large, sweet and mild, are easy to grow from plants. 2 bundles for \$1.00; 5 bundles for \$2.25. See pages 41, 48



**Cherokee.** Stringless Wax Bush Beans. Top quality. Pkg. 15c; 1/2 lb. 35c; lb. 65c.



**Nantes** is a splendid coreless garden Carrot. Our strain has a very strong top that does not peel off when you are pulling them. Pkg. 15c; 1/2 oz. 35c.



**Golden Midget Sweet Corn.** Perfect ears 5 inches long, top quality. Short stalks fit small gardens. Pkg. 25c; 1/2 lb. 65c.





# TUBEROUS BEGONIAS

## *Top Size - Top Quality California Grown Bulbs*

The answer to the gardener's prayer for something that will grow easily and bloom prolifically in the many difficult shady spots in most gardens. They are at their best under trees, on the north side of buildings, walls and hedges, in window and porch boxes under awnings. They make a most decorative house plant, blooming for many weeks during the spring and summer.

### **CAMELLIA-FLOWERED BEGONIAS**

These are the double flowered Begonias pictured here in their natural color and size.

**Scarlet.** Most brilliant of all.

**Pink.** Clear rosy pink.

**Yellow.** Deep clear canary.

**Salmon.** Overlaid with apricot.

**White.** Pure glistening white.

**Mixed Colors.** All of the above colors blended together.

**California Grown, Top Size, Top Quality Bulbs**  
35c each; 95c for 3; \$3.45 for 12, \$6.75 for 25.

### **Ruffled, Single Flowering Begonias (Crispa Type)**

Giant single flowers with the edges of the petals frilled and ruffled. Golden yellow stamens.

**Red.** Rich crimson-red.

**Pink.** Soft apple-blossom-pink.

**Yellow.** Bright golden yellow.

**Salmon.** Salmon shading orange.

**White.** Wax-like petals, yellow center.

**Mixed Colors.** All of the above in a color blend.

**California Grown, Top Size, Top Quality Bulbs**  
35c each; 95c for 3; \$3.45 for 12; \$6.75 for 25.

### **Hanging Basket Begonias (Pendula Type)**

Vigorous growing plants with long, hanging branches carrying quantities of very lovely, single blossoms. Splendid for hanging baskets, vases, window boxes.

**Red      Rose      Yellow      White**

**California Grown, Top Size, Top Quality Bulbs**  
35c each; 95c for 3; \$3.45 for 12; \$6.75 for 25.

Order your bulbs early. If you want them for house plants or for early blooms in the garden pot them up in late January or February. If you are going to put the dry bulbs right out in the garden we will pack your order and cold storage your bulbs here until proper planting season.

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**COMPLETE CULTURAL DIRECTIONS SENT  
WITH ALL BULB ORDERS**





Either in beds or among shrubs the flaming brilliant Cannas add color and brightness to the home grounds

## HART & VICK'S SUMMER FLOWERING BULBS

### Amaryllis

**Giant American Hybrids.** One of the easiest and most satisfactory of all bulbs to grow in the house or in the garden. We offer here giant bulbs of one of the finest strains in the country. Bulbs that will grow from one to two vigorous, healthy flower stems, each carrying four giant trumpet-like flowers in a wide range of colors: pink, rose, red, scarlet, white and combinations of these colors. **In mixture of colors only.** 95c each; 3 for \$2.75; 12 for \$10.25

### Caladium Esculentum (Elephant's Ear)

This giant plant grows 6 to 10 feet high and bears immense, light green leaves 3 to 4 feet long and 2½ feet wide. It is very effective in beds and borders and is used extensively in public parks. Plant them outside when the ground is warm in the spring or start them indoors early and transplant outside. The bulbs will not stand freezing so dig in the fall and bring indoors.

Mammoth bulbs, 35c each; 3 for 95c; 12 for \$3.25

### Fancy-Leaved Caladiums

A splendid summer foliage plant of marvelous beauty for indoor growing or even for outdoor beds in shady spots. Grow the same as Tuberous-rooted Begonias. The bulbs will not stand freezing so dig in the fall and bring indoors.

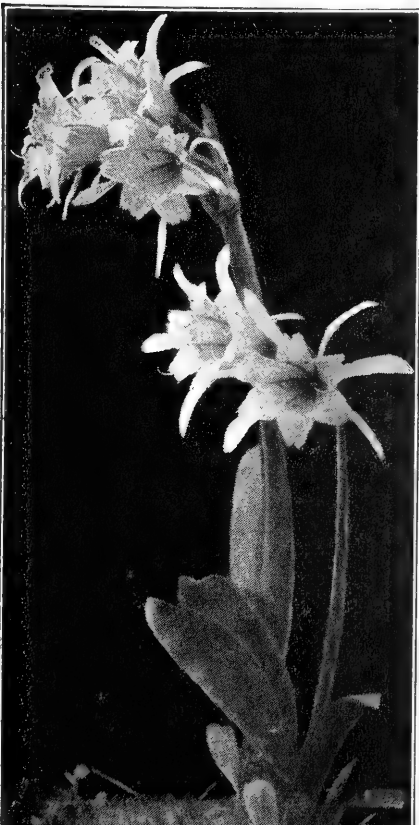
Large bulbs, 45c each; 3 for \$1.25; 12 for \$4.50

### Calla Elliottiana

The best of the Yellow Callas. The foliage is dark green, with a number of translucent creamy white spots, which add much to its beauty. Planted in the open border in a dormant condition when danger from frost is over in spring, this Calla will flower during the summer. When tops are killed by frost in the autumn, dig and store through the winter as you would potatoes.

Strong bulbs, 65c each; 3 for \$1.85; 12 for \$7.00

### Exotic and Fragrant Ismene



## CANNAS

Cannas bloom from early summer until frost just about anywhere in the country, succeeding in any sunny position in any kind of soil. Give them plenty of food and water and they will respond most generously. Start the roots in 4- and 5-inch pots in March or April, keep in a warm place and transplant outdoors in late May or early June. Dormant roots may be planted out-of-doors as soon as the earth warms up. Set 2 feet apart each way.

**We offer northern-grown, large, well-developed dormant roots—six at the dozen rate. Delivered free of charge east of the Mississippi River.**

Prices of All Varieties: 25c each; 3 for 65c; 12 for \$2.35.

**Hungaria.** Low growing, 3½ feet. Large, deep, rose-pink flower over bright green foliage. Grows 4 feet high.

**Eureka.** Large, white flower and green foliage. Grows 4 feet high.

**King Humbert.** Brilliant orange-scarlet flowers in giant spikes and coppery bronze foliage. Grows 5 feet high.

**Yellow King Humbert.** Large yellow flowers spotted red. Foliage green. Tall. 5 ft.

**The President.** Brilliant scarlet, seven inches across. Free flowering, vigorous growing. Green foliage. Height 5 feet.

### Cinnamon Vine Never Any Bugs on This Vine

A beautiful, rapid-growing summer climber, with bright green, glossy foliage, and spikes of deliciously cinnamon-scented, white flowers. Very hardy, grows rapidly in the spring and covers any trellis or arbor early in the season.

Top size roots, 25c each; 3 for 65c

### Hyacinthus Candicans - Summer Hyacinth

A luxuriant growing, summer flowering plant spreading 2 to 3 feet and bearing during July and August, 20 to 30 white, bell-shaped flowers on stems 4 to 5 feet high. Set the bulbs out in the garden when danger of frost is over, 3 inches deep and 2 feet apart. In the colder climates take the bulbs up and store like Gladiolus.

Large bulbs, 25c each; 65c for 3; \$2.35 for 12

### Ismene Calathina - Peruvian Daffodil

Handsome clusters of large, very striking, fragrant, pearl-white flowers on 30-inch stems, somewhat resembling the Amaryllis. Plant the bulbs when the ground is warm late in the spring, 3 inches deep and 18 inches apart. In our own garden we have been very successful growing Ismene in a rather difficult spot shaded half the day by tall growing shrubs. They commence flowering in July.

Top size bulbs, postpaid: 85c each; \$2.35 for 3; \$9.15 for 12

## GLOXINIAS

Prices of All Gloxinia Bulbs: 50c each; \$1.35 for 3; \$4.80 for 12.

This is one of the most handsome and interesting of all summer-blooming pot plants for the window garden. Start the bulbs in pots in February or March. Care for them as you would Tuberous Rooted Begonias, except that they like more heat and humidity. Gloxinias do well in sunlight. Cultural directions for the successful growing of Gloxinias are sent with every order.

**Purple, bordered with white.**

**Scarlet, bordered with white.**

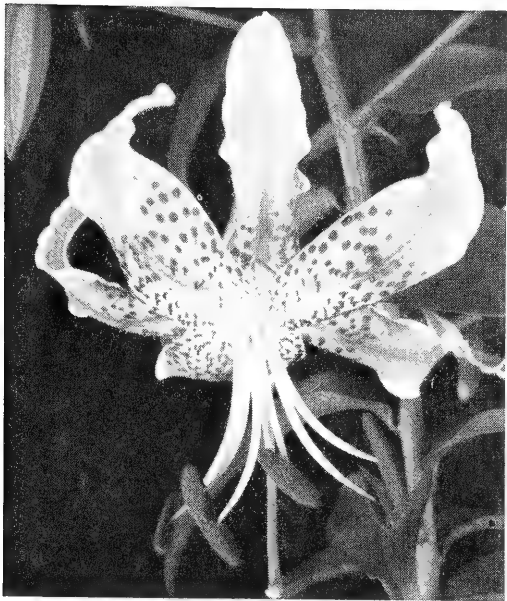
**Scarlet.** Clear scarlet, no other color or markings in this flower.

**Tigrinia.** Spotted flowers in many colors. Most unusual.

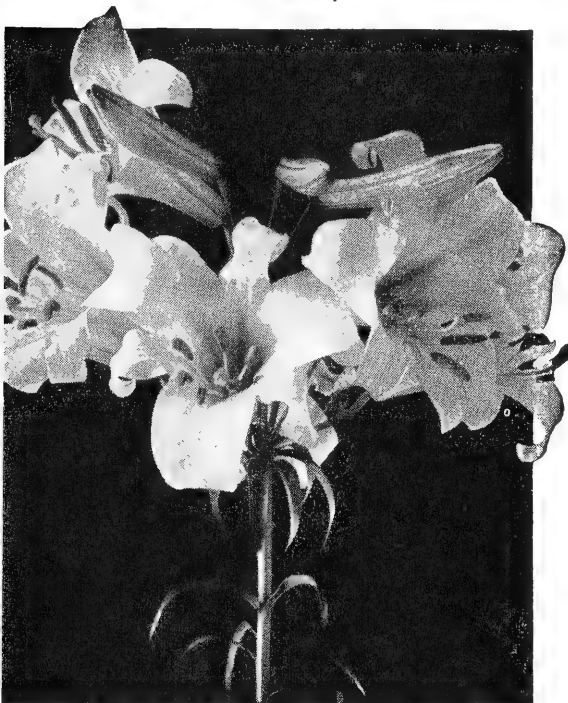
**White.** Pure white flowers that sparkle and glisten.

### Handsome Gloxinia





Rubrum Lily



The Universally Popular Regale Lily



Oxalis for Beds and Borders

# HARDY GARDEN LILIES

**AURATUM (Golden Banded Lily of Japan).** Giant size white flowers with a golden band down the center of each petal. The fragrant flowers heavily spotted with crimson, are carried on strong stems 3 to 6 ft. high. Plant 9 to 12 inches deep.  
Large bulbs, 75c each; \$2.10 for 3; \$7.85 for 12; \$14.85 for 25

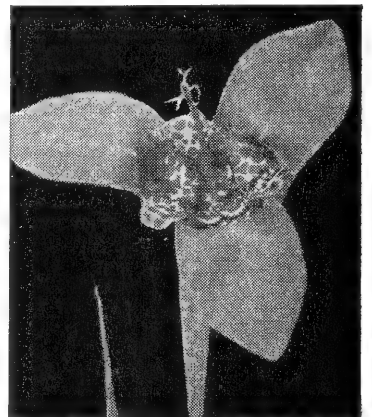
**HENRYI.** Brilliant salmon-orange flowers with reddish brown spots. A very easily grown variety that bears 15 to 20 large trumpet-like reflexed blooms on 6-foot stems in August. One of the better Lilies for the garden. Pacific Coast grown bulbs, 10 inches or more in circumference.  
Each 75c; \$2.10 for 3; \$7.85 for 12; \$14.85 for 25

**REGALE or ROYAL LILY.** Large and fragrant trumpet-shaped flowers with pure white centers, canary-yellow in the throat; outside of petals white with a shading of lilac-pink. Stems grow 4 to 6 feet high and a single plant will often bear from 15 to 20 blossoms. Blooms June and July. One of the most beautiful and easiest grown of all Lilies, individual blooms are six inches in length and 4 to 5 inches across the mouth. Plant 5 inches deep in good, well-drained soil. Pacific Coast grown large bulbs, 10 inches or more in circumference.  
Each 65c; \$1.75 for 3; \$6.65 for 12; \$13.25 for 25

**SPECIOSUM RUBRUM.** The best known and best liked of the recurved type of garden Lilies. The tall, sturdy, 4- to 5-foot plants carry well-branched sprays of delicately scented flowers of deep rosy pink with a light edge and vivid crimson speckles. They flower in August and September. Speciosum Lilies are stem rooting and therefore should be planted 9 inches or more deep in soil of good drainage. Pacific Coast grown bulbs, 10 inches or more in circumference.  
Each 75c; \$2.10 for 3; \$7.85 for 12; \$14.85 for 25

## Madeira Vine - Climbing Mignonette

An excellent climber, with beautiful, thick, glossy, light green, almost transparent leaves, climbing almost to any desired height. The flowers are small, borne in racemes, and very sweet scented. It thrives in the house better than any climber, except, perhaps, the Ivy; makes an excellent screen for windows; is unsurpassed for baskets, and extremely useful as an out-of-door climber, growing very rapidly. Plant outdoors in May in fairly good soil but must be protected by a mulch in freezing weather.  
Strong tubers, 20c each; 2 for 35c;  
12 for \$1.85, postpaid to you



Tigridia Pavonia

## Oxalis - American Shamrock

A splendid little plant for beds, borders, pot growing, and for baskets. The plants grow about 12 inches high, are compact, bushy growing, full of bright green foliage that makes an excellent background for the bright colored flowers that cover the plant the entire season. Plant the bulbs outdoors after danger of frost is over, 1 inch deep and 6 inches apart, or in pots indoors as soon as you receive them from us. These bulbs are not hardy, they must be taken up and stored during the winter.

**Deppei.** Small white flower. Excellent for borders. Blooms all summer.

**Lasiandra.** Large deep crimson flowers are carried in clusters on 16-inch stems above bright green, decorative foliage. Blooms from spring until late fall.

**Shamrock.** Large pink blooms; rich green, Shamrock-like foliage.

Any of the above kinds: 12 for 45c; 25 for 85c; 100 for \$3.00

## Tigridia - Shell Flower of Mexico

**Pavonia.** Brilliant, colorful blooms in scarlet, orange and rose. The huge triangular shaped flowers have six petals, the three smaller ones being blotched with carmine, purple or mahogany. The plant grows 2 feet tall and bears these brilliantly colored flowers from July until frost. Plant and care for the bulbs as you would Gladiolus. We offer a splendid mixture of colors.  
Top size bulbs—postpaid to you: 3 for 45c; 12 for \$1.55; 25 for \$3.00



The Fragrant Tuberose

## Double Tuberose

**Excelsior, Dwarf Pearl.** Delightfully fragrant double waxlike flowers on long spikes carried on 2-foot stems that make it a very desirable cut flower. If you want early bloom, start the bulbs growing in pots in February or March and transplants in the garden in May. For late flowering plant outdoors in May and June, 4 inches deep and 12 inches apart. The original bulb will not flower the second time but the small bulbs or offsets may be saved in a warm dry place, and planted the next spring for future flowering. It will take two years of culture to make these small bulblets into flowering bulbs.

Unusually large bulbs, 25c each; 12 for \$2.75;  
25 for \$5.45; 100 for \$20.00

## GOOD GLADIOLUS INSURANCE

To control fungus diseases in Glads, soak the bulbs for 15 minutes, just before planting, in the following solution: One ounce of New Improved Ceresan, 3 teaspoons of Dreft Soap Flakes in 3 gallons of water. Let the bulbs drain and plant the same day while still wet. When foliage appears above ground spray with a solution containing DDT, 4 ozs. Improved Ceresan, 50c; 4 ozs. spreader-sticker 25c, postpaid.

Don't mix fertilizer with the soil when you plant your bulbs. Spread it over the top of the earth after they are set out and covered.



# 20 GOOD GLADIOLUS

There have been so many good Gladiolus introduced in the past few years that it is almost impossible for any amateur grower to look over the list and choose the ones that will do best in his garden.

To help you in your choice of varieties, we are describing here the 20 kinds all comparatively new that we consider to be the outstanding ones in their color group. Varieties that have proven themselves worthy of a spot in your garden.

The bulbs we offer you are all what is known as "over-size"; clean, free from thrip and disease, and will give you splendid results.

Six bulbs are sold at the dozen rate. Single bulbs at one-tenth of the dozen rate. Prepaid east of the Mississippi River. To more distant states, add 5c per dozen for postage.

After each variety name is a number. The first two numerals indicate the year of introduction; the last two numbers, the number of days it takes it to bloom. Thus 45-90 indicates that variety was introduced in 1945 and takes an average of 90 days to bloom.

**Blue Beauty.** 36-75. Large wide open flowers of clear light blue shading darker toward the edges. Probably the largest spike of flowers in this color.

Bulbs, 3 for 50c; 12 for \$1.65; 25 for \$2.95; 100 for \$10.45

**Boulogne.** 47-85. Deep reddish rose or wine-red. Eight well-placed blooms open on a good plant about 4 feet tall; strong grower, good propagator and a beautiful flower.

Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.65; 100 for \$8.85

**Burma.** 43-85. Sensational large deep rose-red, shading to lighter throat, heavily ruffled. After the first floret opens practically every bud will show color. Always attracts attention in the garden or on the show table. Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.65; 100 for \$8.85

**Chamouny.** 38-85. Exceptionally beautiful and strikingly rich, dark rose flowers bordered with silver. As many as ten of the flowers are open at a time.

Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.65; 100 for \$8.85

**Cotillion.** 48-85. Deep pink with creamy yellow throat. It will open easily 10 perfectly placed flowers at once and often more. Tall grower on a 26-inch flower head of 18-20 buds. Florets are slightly frilled.

Bulbs, 3 for 55c; 12 for \$1.95; 25 for \$3.25; 100 for \$11.75

**Cover Girl.** 45-90. Giant wide open flowers of medium pink that open 10 to 12 florets at the same time. A 6-foot spike.

Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.65; 100 for \$8.85

**Elizabeth the Queen.** 41-86. Beautiful clear lavender, ruffled edged flowers, with darker lines in the throat. Large, finely formed and 8 to 10 flowers are open at a time. Not tall stemmed but we think it's the best of all lavender kinds.

Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.65; 100 for \$8.85

**Golden Arrow.** 47-85. Pure pastel yellow, no marking, no greenish cast. Straight. Eight 5 1/2-inch florets open. Vigorous grower.

Bulbs, 3 for 50c; 12 for \$1.65; 25 for \$2.95; 100 for \$10.45

**King Lear.** 38-75. Wonderful exhibition purple of large size, beautifully ruffled.

Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.65; 100 for \$8.85

**October Sunshine.** 47-85. This is an excellent orange blending to golden yellow. It will hold 6 open florets on an 18-bud spike and it has excellent growing habits. This is an unusual variety in this color class.

Bulbs, 3 for 50c; 12 for \$1.65; 25 for \$2.95; 100 for \$10.45

**Orange Gold.** 45-80. Genuine orange self. 5-6 large blooms wide open, the color of Bit o' Heaven but many times larger. Giant plants, strong and healthy.

Bulbs, 3 for 50c; 12 for \$1.65; 25 for \$2.75; 100 for \$9.45

**Pandora.** 40-85. Soft geranium-pink flowers with feathers of rosy red on the two lower petals and darker red lines in the throat. An excellent cut flower with 8 to 10 flowers open at a time. An exhibition variety.

Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.65; 100 for \$8.85

**Red Charm.** 39-85. One of the finest of the European red kinds. A most vigorous grower and does well even under unfavorable conditions. Long full flower spikes with 10 florets open at a time.

Bulbs, 3 for 50c; 12 for \$1.65; 25 for \$2.75; 100 for \$9.45

**Silver Wings.** 44-88. This Picardy sport is whiter than Leading Lady and is becoming very popular. It is a clean color and the florets individually are beautiful.

Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.65; 100 for \$8.85

**Spic and Span.** 46-80. Ruffled deep pink, flower head of 20-22 buds, 10 open, nice placement. The Florida Experimental Station lists this as being practically free from disease tendencies.

Bulbs, 3 for 50c; 12 for \$1.65; 25 for \$2.95; 100 for \$10.45

**Spotlight.** 44-88. Very large, broad, wide open flowers of deep yellow attractively marked with a scarlet blotch. Blooms very freely.

Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.65; 100 for \$8.85

**Surfside.** 37-92. Lovely ruffled petaled white flower with slight pencilings in the throat. Thrifty growing and very dependable kind.

3 for 45c; 12 for \$1.45; 25 for \$2.65; 100 for \$8.85

**Ravel.** 47-77. Violet-blue with reddish brown markings. A healthy grower and excellent propagator. Very tall upright spikes. Its many florets are of heavy texture, well spaced and placed.

Bulbs, 3 for 50c; 12 for \$1.65; 25 for \$2.95; 100 for \$10.45

**Valeria.** 38-85. Distinctive light red, heavily ruffled flowers, well placed on tall erect spikes and stems. A very popular Gladiolus.

Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.65; 100 for \$8.85

**Vulcan.** 42-82. The flower head is a little too short but plant is tall. A beautiful purple that is as consistent as anything we know.

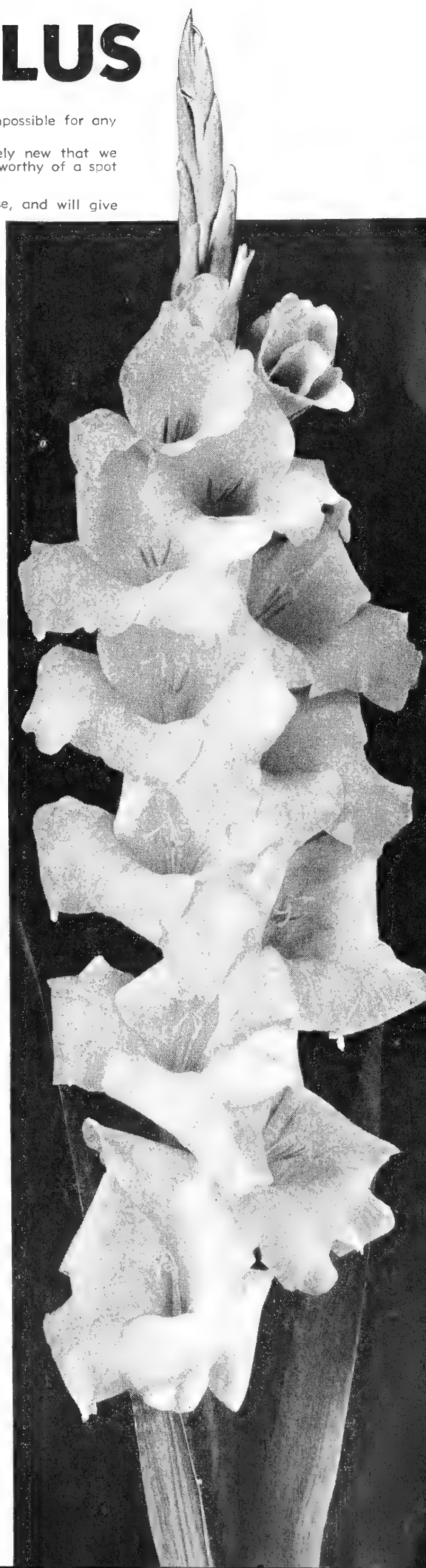
Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.65; 100 for \$8.85

## Our Rainbow Mixture of Exhibition Gladiolus

This splendid mixture is a careful blending of many kinds and colors of named and unnamed Gladiolus. It is made for the person who wants a specially good assortment of colors at a reasonable price. These bulbs are not grown as a mixture but are all separate kinds and colors, choice varieties every one of them, and will produce flowers in the garden and for cutting that you will be proud of.

12 for \$1.10; 25 for \$1.95; 100 for \$7.75

For thrip on Gladiolus bulbs place the bulbs in a sack, add 3 or 5 per cent DDT dust, one ounce to a bushel of bulk. Shake bag to cover bulbs with dust. Store away or plant.



# Hart & Vick's DAHLIAS

The tubers we offer are all grown here in the North by expert Dahlia men. They are dug and taken care of correctly and come to you in large divisions, healthy, and with at least one eye or sprout.

Classifications as made by the American Dahlia Society are as follows: Formal Decorative—F.D.; Informal Decorative—I.D.; Semi-Cactus—S.C.; Cactus—C.

Cultural directions are sent with every order of Dahlia tubers.

We prepay delivery on all Dahlias.

## Large Flowering Kinds

We have selected this list of Dahlias as the most satisfactory for you to grow. A small group of Dahlias that are easy to grow, not temperamental in their demands, produce plenty of flowers good for cutting, house decoration and exhibition.

**Avalon.** F.D. Many call this the very best yellow of the Formal Decorative type. Blooms are large, 8 inches across, and unusually deep. Petals of good substance and clear bright cadmium-yellow. Plant rather strong growing with an abundance of foliage. Tubers, 45c each; 3 for \$1.25

**Blue River.** F.D. Deep lavender-blue flowers, 8 inches across, on long, wiry stems. Plant grows about 5 feet tall and bears an abundance of blooms very early in the season. Tubers, 45c each; 3 for \$1.25

**Dahliamum.** I.D. A very large, deep flower of cadmium-apricot with a golden sheen. Stems are strong, carrying the flower well above the foliage. Tubers, 95c each; 3 for \$2.50

**D-Day.** F.D. A medium size flower of very excellent form and substance. True pink in color, this Dahlia is a splendid kind for cutting, for home decoration and to exhibit. The plants are thrifty and very productive. Tubers, 95c each; 3 for \$2.50

**Jane Cowl.** I.D. Exceptionally large and well-formed flowers of buff, gold and salmon. A tall, strong growing kind and very popular. Tubers, 45c each; 3 for \$1.25

**Jean Trimbee.** S.C. Very large flowers of a violet color. Plant strong growing. One of the first to bloom in the garden and continues to flower all season. Tubers, 85c each; 3 for \$2.35

**Leah Pearl.** F.D. Globe shaped, perfectly formed flowers of a very pleasing cream and pink color. Makes a splendid display in the garden and fine for cutting. Tubers, 85c each; 3 for \$2.35

**Lynn Fontaine.** S.C. A giant flower often 12 inches across, of spectrum red shading to carmine at tips of petals. These longer petals are supplemented throughout the flower by shorter petals of chrome-yellow. The effect is pleasing and most unusual. Grow Lynn Fontaine for those giant blossoms. Tubers, 85c each; 3 for \$2.35

**Michigan White.** S.C. Here we think this the very best white, Semi-Cactus variety. The flower has splendid form and substance, good size, 8 inches across and the 4-foot plant can be depended on to furnish flowers in quantity. Tubers, 75c each; 3 for \$2.10

**Mrs. James Albin.** F.D. Yellow, soft lemon-yellow. Strong bush and excellent foliage. Good keeper and excellent for cutting. 45c each; 3 for \$1.25

**Mrs. I. de Ver Warner.** F.D. This is an exquisite shade of deep mauve-pink. Beautifully formed flowers that come very early. Tubers, 45c each; 3 for \$1.25

**Rose Glory.** F.D. In our opinion the very best deep pink Dahlia of this class. In the past few years its popularity has grown tremendously. For brilliant display in the garden or in a vase it has no superior. Tubers, 75c each; 3 for \$2.00

**Son of Satan.** S.C. The largest flower in this class of Dahlias. Huge bright scarlet blooms 11 inches across and 5 inches deep. Plant rugged, branching and grows 6 feet tall. Very free blooming. Tubers, 85c each; 3 for \$2.25

## Miniature Dahlias

Miniature Dahlias are pocket-size editions of the various large-flowering kinds: Cactus, Decorative, etc. The blooms are about 4 inches in diameter and are borne profusely on sturdy low growing plants that make them ideal for planting in the border in the garden. They also are highly prized as cut flowers for house decoration.

**Andrea's Orange.** A miniature semi-cactus type flower with small, very dainty flowers of bright orange.

**Bronze Beauty.** A lovely Pompon-type flower of rich bronze overlaid with apricot. Blooms very freely.

**Catherine.** Lovely small Pompon-type bloom of pure rich yellow. Always much admired. Splendid for garden display and cutting.

**Red Sea.** Miniature decorative type flowers of rich scarlet. Sturdy plant, very free blooming.

**White Fawn.** Decorative Dahlias in miniature. Pure white flowers on long, strong stems.

Prices of above: 50c each; any 3 for \$1.35; any 5 for \$2.00, prepaid.

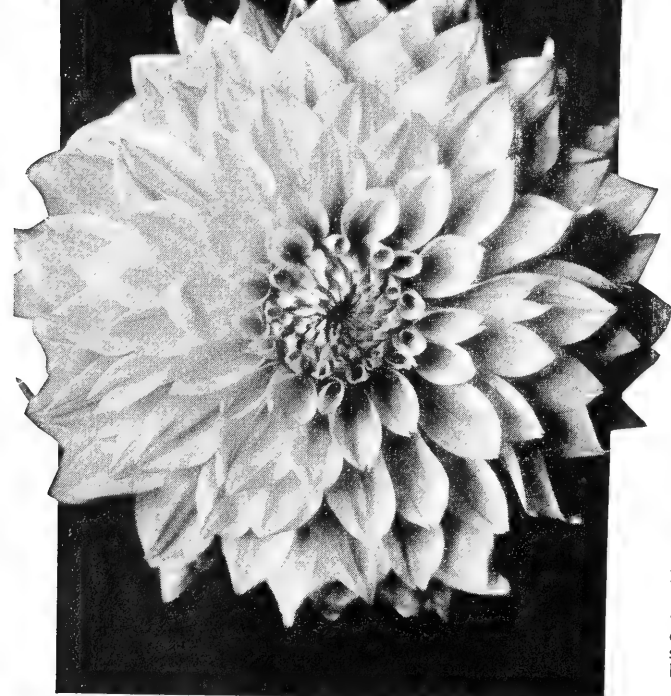
**Collection of Miniature Dahlias:** One tuber each of the above five kinds, 5 tubers for \$2.00, prepaid to you.

## THE NEW "HEDGE DAHLIA" FRED SPRINGER

A very beautiful and different decorative Dahlia. The very thrifty bush-like plants with dense fernlike foliage grow 2 to 3 ft. high and are literally covered with rich, warm scarlet decorative type flowers of perfect form, making a brilliant display for a long period of time. One of the most attractive Dahlias ever introduced.

Tubers, 35c each; 3 for \$1.00; 12 for \$3.50

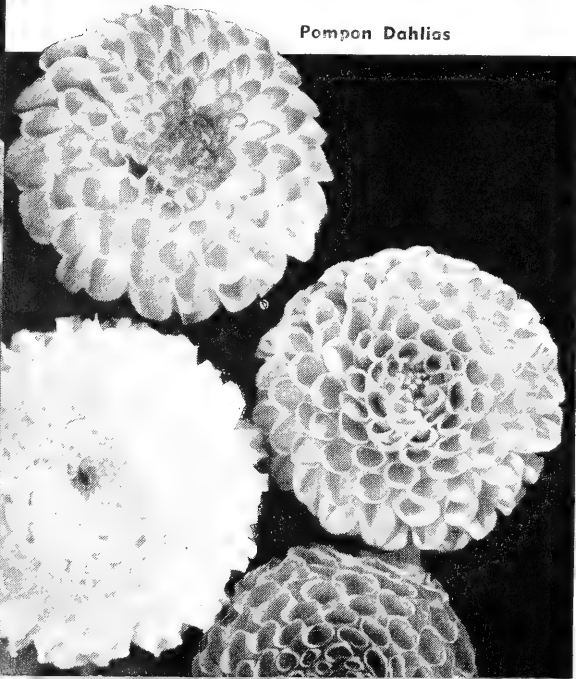
It's easy to grow good Dahlias if you will just follow a few simple rules of culture. Spade the earth 15 inches deep, thoroughly mixing with each 150 sq. ft. of garden, 1 standard size bale of peat moss and 15 lbs. of dehydrated cow manure (Bovung). Don't set out the Dahlia tubers until the ground is warm. Never let the plants dry out. They must be well fed and well watered regularly. As the plants appear tie them to stakes and spray every 15 days with a DDT insecticide. Pinch your plants back after they have made the third set of leaves. This will make them branch well and bushy in growth. If you wish exhibition size flowers with long stems pinch off two-thirds of the flower buds.



Leah Pearl



Jane Cowl



Pompon Dahlias

SEE... JUST A SIMPLE  
TWIST OF THE WRIST  
AND IT'S  
TIED...



Germaco

## 'TWIST-EMS'

**Help You to Support Plants Quickly, Neatly, Permanently**

Say "goodbye" to unsightly twine and raffia, to needless work with shears. Say "hello" to TWIST-EMS, to gardening fun, to lovely plants neatly and properly supported. TWIST-EMS—strong dark-green "invisible" tapes with wire reinforcing—protect stems, permanently support annuals, perennials, vines, shrubs and vegetables. Grand for flower arrangement. Millions used by successful nurserymen, professional and amateur gardeners. Buy today.

Postpaid to you.

Box of 100—8-inch size .....	\$0.30
Box of 200—4-inch size .....	\$0.30

## Protect Your Garden Against Rain - - Wind Bugs - Frost with **Hotkaps**

HOTKAPS, like miniature greenhouses, keep out weather and insects, promote sturdier growth and bring plants to maturity weeks earlier.

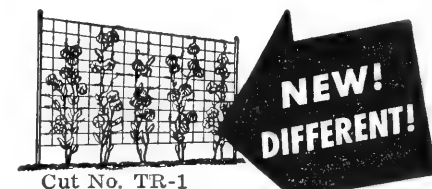
25 Hotkaps with setter \$0.95; postpaid \$1.10  
100 Hotkaps with setter 3.15; postpaid 3.35  
250 Hotkaps with setter 5.90; postpaid 6.20  
1000 Hotkaps \$18.35; not prepaid.

Fiberboard setters 20c each; postpaid 30c  
Steel setters \$1.95; postpaid \$2.15.

## HOTENTS Are Much Larger Hotkaps

Miniature hothouses made of heavy waxed KAPS—10½x14½x8½. Give the plant plenty of room to grow in. Protect against wind, hard rain, bugs and frost. Makes earlier and better vegetables. Postpaid to you.

50 for \$2.75; 100 for \$4.85, prepaid.  
250 for \$7.75, not prepaid, weight 20 lbs.  
500 for \$14.75, not prepaid, weight 35 lbs.



**NEW!  
DIFFERENT!**

## Weatherized TRELLIS NETTING

**Ideal Support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES**

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.)

Doesn't rot like string—lasts several seasons. In 3 sizes: No. 1, 60x72 in., 65c; No. 2, 60x96 in., 85c; No. 3, 60x180 in., \$1.25 Postpaid.

## TRAIN-ETTS

## AFRICAN VIOLET PLANT SUPPLIES

**Potting Soil.** Specially prepared for the growing of African Violets. Quart 20c; 4 qts. 60c; 8 qts. \$1.00. If you want this sent to you add 25c for 1 qt. and 8c for each additional quart.

**Glaswick.** For root-watering plants, seeds and bulbs in pots and flats. 30c per foot prepaid to you.

**Rubber Bulb Sprayer.** Waters plants the easy and best way. Applies insecticides sprinkles clothes when ironing or pressing siphons water from bowls, containers without disturbing flower arrangements. Heavy ribbed red rubber, pint size, two hose nozzles. Prepaid to you for \$1.35.

**Wik-Fed Pots.** Attractive plastic flower pots, complete with water reservoir and glass wick for automatic watering. Colors: yellow, green, cream, lavender, bronze. 4-inch diameter at top. Prepaid to you for \$1.25 each; \$6.85 for 6; \$12.50 for 12. 5-inch pots, \$1.50 each; \$8.25 for 6; \$15.00 for 12.

**Charcoal.** Put in the bottom of pots and bowls, helps keep the soil and water sweet. 2 ozs. 25c, prepaid to you.

**Hyponex.** Grows superior plants in soil, and or water. Contains Vitamin B1. Clean, odorless, soluble powder, will not spoil nor lose its vitality. 1 teaspoon makes 1 gal. liquid plant food; 1 lb. makes 100 gals. 1-oz. pkg. 10c; 3 ozs. 25c; 7 ozs. 50c; lb. \$1.00; 10 lbs. \$8.00



## National Eezy Wear Garden Gloves

**Give you everything you want —**



Women's Sizes  
Small, Med., Large

All-Leather  
SOFT AS KID  
Durable

DIRT-PROOF  
Easy to Wear  
WASHABLE

Economical, too—outwear 6 pairs of fabric gloves and can be used the year 'round for GARDENING, GARAGE, HOUSEWORK, FURNACE, YARD, PAINTING, ETC. They are a real value at

**\$1.50 Per pair Postpaid**

Sizes for women (small, medium, large); for men (small, medium, large).

**PRETTY AS A PICTURE  
AND FRAMED BY . . .**

## stikit wicket®

the modern fencing  
**BEAUTIFIES AND PROTECTS**



Easy to hammer into  
hard ground

Easily installed, each unit is 21" high, 12" wide, white or green baked enamel on ¼" hardened steel. Carton of two dozen makes 24 feet of fence, enough for the average flower bed.

**NOW \$2.40 Per Dozen**

Carton of 2 dozen for \$4.75.  
We do not prepay transportation on Stikit Wikits.

## WILD BIRD SEED

A seed mixture that will attract Chickadees, Cardinals, Flickers, Bluejays. 2 lbs. 40c; prepaid, 65c. 5 lbs. 98c; prepaid, \$1.35. 10 lbs. \$1.85; prepaid, \$2.50. 25 lbs. \$4.50, not prepaid.



## KNEE PADS

Comfortable cushion for the knee. They prevent moisture from penetrating your clothes. Protect from bruises. Fit any knee and will not slip down when walking. Made of thick, pliable sponge rubber. Will wear a lifetime. \$2.00 per pair, prepaid to you for \$2.15.

## FLYING DISK

**SCARE Birds and Animals Away**

Amazing protection for newly planted seeds, berries, tender seedlings, fruit trees, etc. Made of shining aluminum, FLYING DISKS spin and whirl madly in all directions—give blinding reflections and weird jingling, crackling sounds—to scare birds and animals away. Easily strung across area to be protected—or from branches of fruit trees and vines.

**10 FLYING DISKS with complete instructions, only 25¢**





# Spray the Weeds Out of Your Lawn — It's Easier Than Digging

## The New Improved Weedone



Contains the powerful 2, 4, 5-T and 2, 4-D, the two most effective chemicals for killing lawn weeds, poison ivy, poison oak, honeysuckle, wild blackberries, wild raspberries and over 90 other weeds and woody plants without killing the grass. Non-poisonous to animals or humans.

Kills a greater variety of lawn weeds and woody plants than any products containing only one of these chemicals. Does not give off vapors that cause injury to flowers or ornamentals.

- Prevents re-sprouting of tree stumps.
- The only all-purpose weed killer.

8-oz. can (covers 1,250 sq. ft.) \$1.00.  
1-qt. can (covers 5,000 sq. ft.) \$2.75.  
1-gal. can (covers 20,000 sq. ft.) \$6.95.

## Weedone Crab Grass Killer

Contains potassium cyanate. Kills crab-grass and chickweed without killing clover, bluegrass and other desirable grasses.

Can be used on seedling or mature crab-grass. Harmless to people and pets. Turns into a fertilizer. Readily soluble in water. Easily cleaned from the sprayer with plain water.

Low in cost—economical to use.

6½-oz. can treats 1,000 sq. ft., seedling stage. \$1.00.

26-oz. can treats 4,000 sq. ft., seedling stage. \$3.00.

6½-lb. can treats 16,000 sq. ft., seedling stage. \$8.85.

Use double strength for mature Crabgrass.



## Weed Killers

**Ammate.** The superior weed killer for poison ivy, wild choke cherry, wild blackberry and other woody perennials. Quick action kills foliage in a few hours, translocation kills roots in a few days, permanently. Use any time foliage is green, effective under ordinary weather and growing conditions. Easily applied, non-poisonous. 2-lb. bottle \$1.00; 6-lb. bottle \$2.70.

**Hammond's Weed Killer.** Weeds, poison ivy, and all vegetation are easily destroyed with this highly concentrated easy-to-use material. Simply mix with water and apply with a sprinkling can. For use on walks, driveways, tennis courts, etc.

**Weedust.** The 2, 4-D weed killer in dry, powder form. Just dust each weed directly from the ready-to-use can. No measuring, no mixing. Ideal for destroying those "here and there" weeds; just the thing for the man whose problem does not require a sprayer.

1 qt. 70c; 1 gal. \$2.00

Large can 75c

**B'have.** A liquid preparation to spray around the base of shrubs, trees, evergreens, to keep dogs from ruining them.

6 ozs. 50c; 16 ozs. \$1.00

**Animal Repellent Rope.** Hard wood oil impregnated rope laid around the base of evergreen trees, circling beds and borders, throughout shrubs. Extremely distasteful to all animals. 100 feet to the package.

\$1.25; postpaid \$1.50

**Chaperone.** (Liquid.) For outdoors use. Keeps dogs away from shrubs, evergreens, trees and your porch pillars and steps.

4 ozs. 60c; 8 ozs. \$1.00; 12 ozs. \$1.25

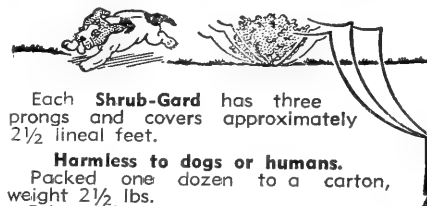
**Dogzix.** Sprayed on evergreens, trees, shrubs, porches, it keeps dogs away.

3 ozs. 50c; 6 ozs. 75c; 16 ozs. \$1.25

## SHRUB-GARD

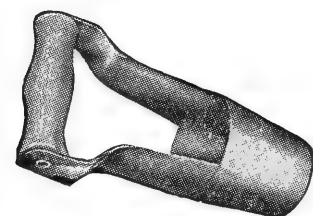
PATENTED

Protects your shrubbery from dogs. Makes his visit so uncomfortable that he keeps away, yet it is so constructed that it will not harm the dog. The **Shrub-Gard** is a unit of steel spring wires that are flexible and will not tear clothing of passers-by.



Each **Shrub-Gard** has three prongs and covers approximately 2½ lineal feet.

**Harmless to dogs or humans.**  
Packed one dozen to a carton, weight 2½ lbs.  
Price: \$3.75 per doz., postpaid to you.



## Hole-in-One Bulb and Plant Setter

This handy tool makes the type of hole best suited for bulbs. They do best when planted with their roots resting on a firm flat base free from air-pockets. Merely cut the tool into the soil, remove it with a slight twisting motion and the soil comes with it, leaving a clean, flat-bottomed hole in which plants or bulbs may be set.

95c; postpaid \$1.10



## THE MODERN WAY TO SPRAY

Attached to your garden hose it sprays, in correct proportions, insecticides and fungicides on plants, shrubs and roses.

**Garden Hose Sprayer.** Chrome finish, adjustable nozzle. Price: \$6.50

**Weed-O-Spray.** Combination set. Price: \$1.75

Applicator and 2 - 2, 4-D Cartridges.

**Additional Transparent Chambers.** Price: \$2.00

**Additional Couplings.** Price: \$1.00

## INSECTICIDE AND FUNGICIDE CARTRIDGES

45c each; \$1.30 for 3; \$4.80 for 12.

**DDT Cartridge.** For eating, sucking and biting insects.

**Arsen-O-Spray.** Poisonous spray that kills leaf eaters.

**Cryolite Cartridge.** Cabbage and tomato worms, bean and cucumber beetles.

**Nic-O-Spray.** Kills sucking insects, aphids.

**Rot-O-Spray.** Non-poisonous, kills insects on vegetable plants.

**Sulph-O-Spray.** For control of fungus and black spot.

**Weed-O-Spray.** Kills weeds in lawns. 2, 4-D.

## Modern Horticultural Chemicals

**Hormodin.** Makes plants root easier, mature earlier, flower sooner. Dip in water and then in the powder. One ounce treats about 2500 cuttings.

**Powder No. 1.** For Carnations, Roses, Poinsettias, Chrysanthemums. 1¾-oz. tin 50c; lb. \$3.00

**Powder No. 2.** For woody and semi-woody types. 1¾-oz. tin 75c; lb. \$4.50

**Powder No. 3.** For resistant species, including evergreens and leafless cuttings. 1-oz. tin \$1.00; ½-lb. tin \$4.50

**Transplantone.** Applied in solution to shrubs and trees, when they are transplanted, makes them "take hold" more quickly.

**Fruitone.** Stops premature drop of flowers, fruits, and vegetables. Spraying with Fruitone helps pollination, thus producing a better yield.

**Rootone.** A hormone dust for better rooting of cuttings, slips, bulbs, seeds.

1/4-oz. pkg., treats 400 cuttings, \$0.25

2-oz. jar, treats 3000 cuttings, \$1.00

1-lb. tin, treats 30,000 cuttings, \$5.00

## Kill Ants in the House and Garden

**Antrol.** Quickly destroys all species of sweets-eating ants. Ready-Filled Sets: 4 glass feeders filled with syrup. 40c. Syrup, 4-oz. bottle 35c.

**Ant-X Ant Traps.** Safe to use; kills red and black ants indoors and out. 25c each; 3 for 65c

**Ant-X Jelly.** To use in killing large colonies of black and red ants out-of-doors. Tube 35c

**Terro.** The most popular and satisfactory sweet-eating ant remedy we have ever sold. Easy to use. 1-oz. bottle 25c; 3 ozs. 50c

**Cyanogas Ant Killer.** Kills both sweet and grease eating, red and black ants with little trouble. A gas-producing powder flowing freely through a spouted bottle right into the ant home. One bottle treats the average lawn. 50c a bottle

## TERRA-LITE Vermiculite

The most talked-of product in gardening in years! Composed of countless tiny air cells, **Terra-Lite** Vermiculite holds and releases air and moisture in just the right quantities. **Not** a fertilizer, but a superior growing medium—good for all these jobs:

**Starting Seeds.** Quicker, bigger development, easy to transplant.

**Rooting Cuttings.** Sure-fire medium for strong fast rooting.

**Storing Bulbs.** Stops storage rot. Keeps bulbs firm and plump.

Price: 4 ats. 39c, postpaid; 16-qt. bag 85c, postpaid \$1.10. Bags of 2 cu. ft. \$1.85, not prepaid.



# Remedies for Insects and Fungus

When wanted by Parcel Post, add for postage as follows: 15c for 1 lb. (or 1 pt.); 21c for 2 lbs. (or 1 qt.); 33c for 5 lbs.; 46c for 10 lbs. (or 1 gal.)

Prices subject to change without notice.

## Control Both Insects and Disease

**Boncop.** A Rotenone and Copper Dust to control chewing and sucking insects and worms on celery, tomatoes, eggplant, potatoes, melons and cucumbers. Also controls scab, wilt, mildew, blight on tomatoes and potatoes. Start dusting when the plants are young and repeat every week as necessary to keep the foliage covered with dust. 1 lb. 60c; 5 lbs. \$1.95

**Cuke and Melon Dust.** An excellent general purpose dust for use in controlling plant diseases and chewing insects, insects attacking cucumbers, melons and related crops. Contains Copper and Tri-Calcium Arsenate. 1 lb. 45c; 4 lbs. \$1.10

**Fruit Tree Dust or Spray.** For complete insect and disease control after the dormant stage, on fruit trees and small fruit bushes. Contains sulphur, DDT and lead arsenate. 1 lb. 60c; 3 lbs. \$1.50

**Kolo Sulphur Rotenone Dust.** Contains .75% Rotenone. A combined insecticide and fungicide for flowers, certain vegetables where sulphur can be used, and on greenhouse plants, ornamentals and shrubs. For use in the control of Mexican bean beetles, worms and aphids on cabbage and cauliflower, pea aphids, asparagus beetle and rust, tomato worm, flea beetles, black spot and mildew on roses, gladiolus thrip. 1 lb. 50c; 4 lbs. \$1.45

**Pomo-Green.** Used as both dust and spray to control both sucking and chewing insects, and diseases, on plants, shrubs, and roses. A poison. Lb. \$1.00; 5 lbs. \$3.85

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Kit C—makes 32 gals. of spray ..... 9.00  
Kit D—makes 115 gals. of spray .....30.00

## To Control Scale

**Lime-Sulphur.** (Powder.) For spraying fruit and shade trees, shrubs and roses when they are dormant. Protects against scale, leaf curl and brown rot on peaches; an excellent fungicide. Dilute 1 lb. to 5 gals. water. Lb. 65c; 5 lbs. \$2.65

**Scalecide.** A dormant spray for all fruit and ornamental trees, shrubs, and vines, which drop their foliage in winter; also for evergreens. Controls scales, aphids, red mite, gall of evergreens, heals tree cankers and prevents decay. Dilute 1 to 15 for fruit and most ornamentals. Pt. 75c; qt. \$1.15; gal. \$2.75; 5 gals. \$9.30

**Volck.** The oil spray insecticide and spray carrier. For use against scale insects, mealy bug, red spider, white fly and certain other garden pests. Gives a luster to the foliage. Mixes readily with water, goes farther, very effective, non-poisonous. 4-oz. bottle 35c; pt. 70c; qt. \$1.25; gal. \$2.85

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**50% DDT Wettable Powder.** For diluting in water or mixing with talc to prepare dust or spray of desired strength. Particularly suited to controlling Japanese beetle grub in lawn areas or as a spray for fruits, flowers and vegetables wherever a whitish residue is not objectionable. 1 lb. 75c; 3 lbs. \$2.45

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**Tobacco Dust.** (For dusting.) Easily applied with dust gun to rid plants of aphids, thrips, leaf-hoppers, etc. Clings to the plant. Lb. 20c; 5 lbs. 65c; 25 lbs. \$2.00; 100 lbs. \$6.00

## Miscellaneous

**Chlordane Dust or Spray.** (6% Chlordane.) Controls ants, grasshoppers, Japanese Beetle and other turf insects. Dust or spray it on the lawn. 1 lb. 55c; 4 lbs. \$1.55

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**Naphthalene Flakes.** Useful in controlling thrip on gladiolus and cyclamen. Kills soil insects. Lb. 35c

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**Arasan.** Organic seed disinfectant. Makes earlier planting possible because it protects from decay. Increases germination and yield. Especially good on lima beans and peas. Ask for free booklet. ¾ oz. 25c; 8 ozs. \$1.00

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## Index to Flower Seeds, Plants and Supplies

Achillea	4	Cherry Pie	13	Garland Flower	9	Milfoil	4	Shasta Daisy	9, 20
African Daisy	10	Chinese Woolflower	8	Geraniums	12	Morning Glory	15	Siberian Wallflower	9
Ageratum	4	Chrysanthemums	9	Geum	12	Mourning Bride	21	Silver Penny	13
Alyssum	4	Cinnamon Vine	49	Gilliflower	21	Myosotis	15	Snapdragon	6
Amaranthus	4	Clarkia	9	Gladiolus	51			Snow-on-the-Mountain	12
Amaryllis	49	Cleome	9	Gloves	54	Nasturtiums	17	Spider Plant	9
Anagallis	4	Cobaea	9	Gloxinias	49	Nemophila	17	Statice	21
Anchusa	4	Cockscomb	8	Godetia	12	Nicotiana	17	Stocks	21
Angel's Trumpet	11	Coleus	9	Gourds	12	Nierembergia	15	Stocks, Evening Scented	15
Antirrhinum	6	Columbine	6	Grass Seeds	1, 2, 3			Stock, Virginian	23
Aquilegia	6	Convolvulus	15	Gypsophila	13	Oxalis	50	Strawberries	3rd cover
Arabis	4	Corallbells	13			Painted Daisy	20	Strawflower	13
Arctotis	4	Coreopsis	9	Helianthus	14	Pansies	17	Summer Cypress	14
Armeria	4	Cornflower	8	Helichrysum	13	Pansy, Tufted	23	Sunflower	14
Asters	5	Cosmos	10	Heliotrope	13	Painted Tongue	20	Sun Plant	19
Aubrieta	4	Cup-and-Saucer Vine	9	Heuchera	13	Papaver	19	Surprise Garden	20
Avens	12	Cynoglossum	9	Hollyhocks	13	Peach Bell	7	Swan River Daisy	6
				Honesty	13	Pentstemon	19	Sweet Peas	22
Baby Blue Eyes	17	Dahlias	10, 52	Hotents	34, 53	Perennial Pea	14	Sweet Sultan	8
Baby's Breath	13	Daisy, African	10, 23	Hotkaps	34, 53	Peruvian Daffodil	49	Sweet William	21
Bachelor Button	8	Daisy, English	6	Hyacinthus Candicans	49	Peter's Pence	13		
Balsam	6	Daisy, Painted	20			Petunia	18	Tagetes	16, 21
Bearded Tongue	19	Daisy, Shasta	9, 20	Iberis	7	Phlox	19	Terra-lite Vermiculite	54
Begonia	48	Datura	11	Information	26, 27	Pinks	10	Tickseed	6
Bellis	6	Delphinium	11	Insecticides	54, 55	Poppies	19	Tigridia	50
Blanket Flower	12	Dianthus	10	Ismene	49	Poppy, California	11	Tithonia	23
Blue Lace Flower	10	Didiscus	10	Ipomoea	15	Portulaca	19	Tobacco, Sweet-Scented	17
Books	56	Digitalis	12			Primrose	20	Train-etts	53
Bovung	9	Dimorphotheca	10	Kochia	14	Pyrethrum	20	Tritoma	23
Brachycome	6	Doronicum	12	Krillium	22	Red Hot Poker	23	Tuberose	50
Burning Bush	14			Kudzu Vine	14	Reseda	15	Tufted Pansy	23
Butterfly Flower	20	Elephant's Ear	49			Ricinus	20	Twist-ems	53
		Eschscholtzia	12	Larkspur	14	Rock Cross	4	Velvet Flower	20
Caladium	49	Euphorbia	12	Lathyrus	14	Rock Garden Mixture	17	Venidium	23
Calendula	7	Everlasting Flowers	12	Lavender	39			Verbenas	23
Calla	49			Lilies	15, 50	Salpiglossis	20	Viola	23
Calliopsis	6	Fertile Pots	34	Linum	14	Salvia	20	Virginian Stock	23
Campanulas	7	Flax	14	Lobelia	14	Satin Flower	12		
Candytuft	7	Floss Flower	4	Lupinus	15	Scabiosa	21	Wallflower	23
Cannas	49	Forget-Me-Not	15			Scarlet Runner Bean	20	Weed Killers	54
Canterbury Bells	7	Forget-Me-Not, Chinese	9	Madeira Vine	50	Scarlet Sage	20	Woolflower, Chinese	8
Carnations	8	Four O'clock	12	Marigold	16	Scotch Marigold	21		
Castor-Oil Plant	20	Foxglove	12	Marvel of Peru	12	Schizanthus	20	Yarrow	4
Celosia	8			Matthiola	15	Sea Lavender	21	Zinnias	24, 25
Centaurea	8	Gaillardia	12	Mignonette	15	Sea Pink	7		
Cheiranthus	9	Garden Supplies	53, 54						

## Index to Vegetable Seeds

Anise	39	Celery	34	Fennel	37	Mustard	39	Sage	39
Asparagus	28, 48	Chervil	33	Garden Huckleberry	33	Okra	39	Salsify	44
Artichoke	28	Chicory	32	Garlic	48	Onions	41, 48	Savory	39
		Chives	33	Gumbo	39	Onion Sets	41, 48	Sorrel	45
Basil	39	Collards	33	Herbs	39	Onion Plants	41, 48	Spinach	45
Beans	29, 30	Coriander	39	Horseradish	48			Squash	46
Beets	28, 39	Corn, Pop	35	Kale	37	Parsley	42	Sunflower	42
Borage	39	Corn Salad	33	Kohlraabi	37	Parsnips	42	Sweet Corn	35
Broccoli	30	Corn, Sweet	35	Lavender	39	Peas	43	Swiss Chard	45
Brussels Sprouts	30	Cress	33	Leek	38	Peppers	42		
		Cucumbers	36	Lettuce	38	Pop Corn	35	Thyme	39
Cabbage	31			Marjoram	39	Potatoes	48	Tomatoes	47
Cardoon	32	Dandelion	37	Mangels	39	Pumpkins	44	Turnips	47
Carrots	32	Dill	39	Mushrooms	39	Radishes	44	Vegetable Oyster	44
Cauliflower	33	Eggplant	37	Muskmelons	40	Rhubarb	48	Watermelons	40
Celeriac	33	Endive	37			Rutabaga	47		

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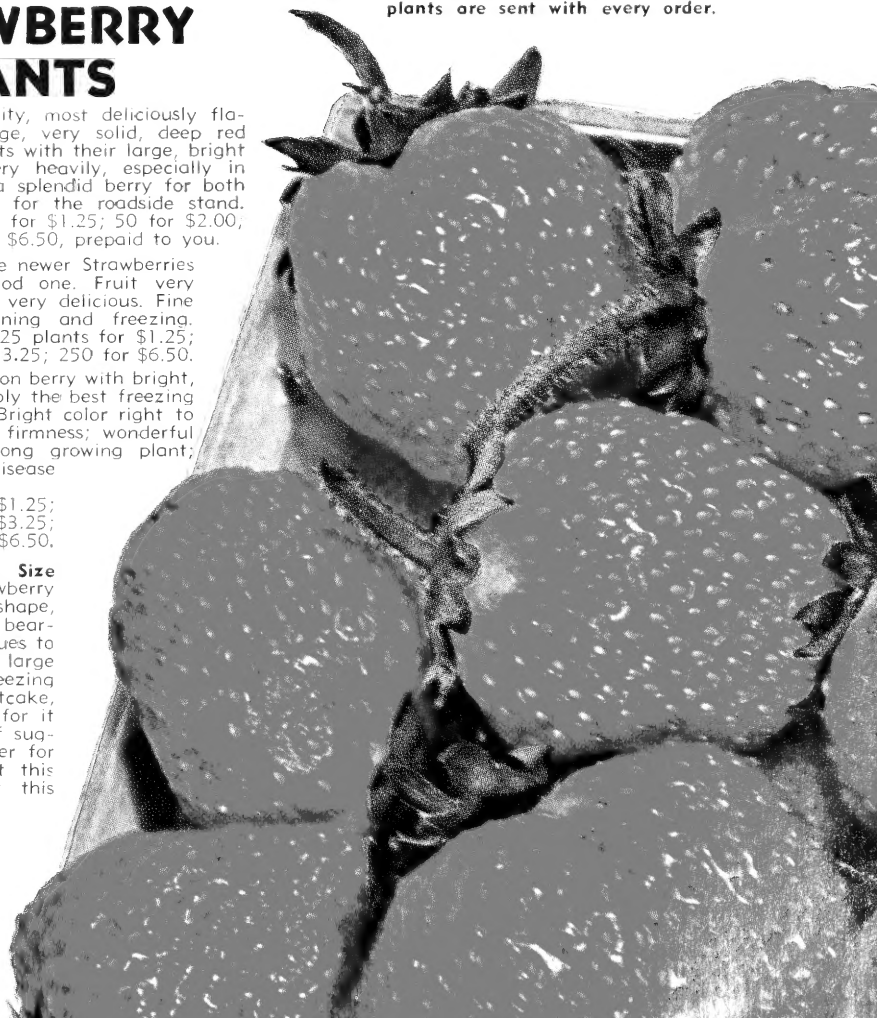
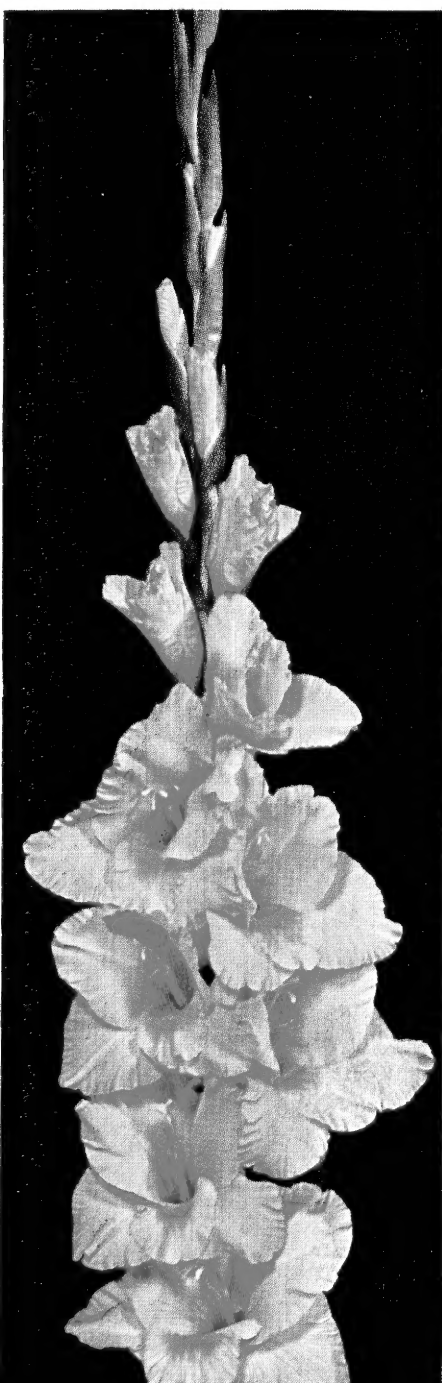
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